

CURRICULUM VITAE: LAWRENCE E. STEVENS, PHD



DATE OF BIRTH: 17 November, 1951, Cleveland, Ohio

MAILING ADDRESS: Curator of Ecology and Conservation
Director, Springs Stewardship Institute
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EDUCATION:

PhD Zoology, Northern Arizona University, Flagstaff, 1989

MS Biology, Northern Arizona University, Flagstaff, 1985

Selected coursework in biology and fine arts, University of
Arizona, 1977-1978

BA Biology and fine arts, with honors, Prescott College,
Prescott, Arizona, 1974

Graduated with honors, Rocky River High School, Rocky River,
Ohio, 1970

Larry Stevens was born in Cleveland, Ohio in 1951 and completed high school with honors. He moved to Arizona in 1970 and attended Prescott College in Prescott, Arizona from 1970-1974. After working as an NPS biological technician and a river guide, he undertook graduate studies in biology at the University of Arizona, Tucson and at Northern Arizona University, where he received his doctoral degree in Zoology in 1989. He served as the ecologist for Grand Canyon National Park from 1989-1994, the editor of Red Lake Books, and he has served on many ecological councils and committees in Arizona. He teaches occasionally at both Prescott College and Northern Arizona University, and works as a whitewater rafting guide in Grand Canyon. He is presently the curator of ecology and director of the Springs Stewardship Institute at the Museum of Northern Arizona in Flagstaff. In that position, he brings to bear more than 40 years of **scientific research on springs and aquatic ecosystems ecology, land and water resources management, and advisement to Tribes and all levels of governance about those topics. He also is** the senior ecologist for Grand Canyon Wildlands Council, in which position he serves as a conservation representative for the adaptive management of Glen Canyon Dam and the Colorado River through Grand Canyon. Larry has authored many publications, including recent books on river running in Grand Canyon, the ecology of springs ecosystems in North America, and global biogeography.

PERTINENT EXPERIENCE, EMPLOYMENT, BOARDS:

- 2012-present Director, MNA Springs Stewardship Institute
2006-present Curator of Ecology and Conservation, Museum of Northern Arizona, Flagstaff
2007 – 2009 Grand Staircase National Monument Advisory Committee Chair
2006-present Grand Canyon National Park ATBI Coordinator
2004-present Conservation Representative for GCWC on the Glen Canyon Dam Adaptive Management Work Group and Technical Work Group
2005-2010 Science Advisor for Ecological Monitoring & Assessment, Babbitt Foundation and Northern Arizona University
2003-2005 Grand Staircase National Monument, Assistant Chair and Science Advisor
2004-2007 Board of Directors, Museum of Northern Arizona, Flagstaff
2002-present Principal Investigator, Stevens Ecological Consulting, LLC, Flagstaff, AZ.
2003-2005 USFWS-trained WIFL surveyor, Yuma, AZ
2001-2005 Yuma East Wetlands Restoration Project, vegetation and avifaunal analyses and monitoring
2001-2004 Welton-Mohawk Irrigation and Drainage District Title Transfer EIS BA Preparator
2001-2005 President, Grand Canyon Wildlands Council, Flagstaff, AZ
2000-present Grand Canyon Wildlands Council, Inc., Senior Science Advisor
1999-present Stevens Ecological Consulting, LLC, Principal
1999-2006 Associate editor, Western North American Naturalist
1998-2000. Benthic aquatic biological analysis of ‘Ahakhav Restoration Project, Colorado River Indian Tribe, Parker, AZ
1998-1999 Ecologist, Department of the Interior, Grand Canyon Monitoring and Research Center, Flagstaff, AZ.
1995-1997 Ecological Analyst, Applied Technology Associates, Inc.
1993-present. Adjunct Faculty, Prescott College, Prescott, AZ.
1990-present. Adjunct Faculty Member, Department of Biological Sciences, No. AZ Univ.
1988-1994 Ecologist, Grand Canyon National Park Resource Management and Planning Division, Grand Canyon, Arizona.
1986-present Research Associate, Museum of Northern Arizona, Flagstaff, Arizona.
1989-1991 Summer faculty, No. AZ Univ., Department of Biological Sciences
1986-1989 Doctoral research, Northern Arizona University. PhD completed in May, 1989
1983-2007 Editor, Red Lake Books, Editor (Flagstaff, AZ)
1983-1989, 1995-2003, 2006-present -- Whitewater guide in Grand Canyon for Wilderness World, Arizona Raft Adventures and Outdoors Unlimited, the National Park Service, the Bureau of Reclamation, Flagstaff, Arizona, and other companies; >350 trips through Grand Canyon, as a guide or trip leader, primarily rowing 18’ oar-powered rafts. Other river running experience include trips on most upper Colorado River tributaries and segments, and on the Amazon R. in Peru, the Usumacinta R. Mexico/Guatemala, the Rogue R. OR, and elsewhere; >400 river trips and >10,000 km of hikes

SYNERGISTIC ACTIVITIES

- Associate editor, Western North American Naturalist, 2000
Curator of Ecology and Conservation, Museum of Northern Arizona, Flagstaff. 2007-present
Director, Springs Stewardship Institute, Museum of Northern Arizona, Flagstaff, 2010-present
Conservation Representative for GCWC on Glen Canyon Dam Adaptive Management Program, 2006-present
Board of Directors, Museum of Northern Arizona, Flagstaff, 2004-2006
Grand Staircase National Monument, Chair and Science Advisor, 2003-2005
Grand Canyon Wildlands Council, Inc., Senior Science Advisor, 2000- present
Academic Advisement: 18 women, 14 men; 4 BA theses, 22 Master’s, 5 PhDs, 1 Post-doc

PEER-REVIEWED PUBLICATIONS AND BOOKS

- Submtd* North, E.G. and **L.E. Stevens**. Biogeographic affinity, elevation, and springs habitat influences on land snail distribution, Grand Canyon ecoregion, Southwestern USA. Submitted to *Malacologia*.
- In press* Sada, D.W. and **L.E. Stevens**. Conservation and ecological rehabilitation of North American aridland springs. In Minckley, D. and D. Hendrickson, editors. *Battle Against Extinction*, revised edition. University of Arizona Press, Tucson.
- In press* **Stevens, L.E.**, R.R. Johnson, and C. Estes. The Watershed Continuum: A conceptual fluvial-riparian ecosystem model. In Johnson, R.R., S.W. Carothers, D.M. Finch, K.J. Kingsley, and J.T. Stanley, editors. *Riparian research and management: Past, present, future*, Volume 2. U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station General Technical Report RMRS-GTR-303, Ft. Collins. *In press*.
- 2018 Paffett, K., **L.E. Stevens**, and A.E. Springer. Ecological assessment and rehabilitation prioritization for improving springs ecosystem stewardship. Pp. 475-487 in Dorney, J., R.W. Tiner, R. Savage, and P. Adamus, editors. *Wetland and Stream Rapid Assessments: Development, Validation, and Application*. El Sevier, London.
- 2016 Eamus, D., B. Fu, A.E. Springer, and **L.E. Stevens**. Groundwater dependent ecosystems: Classification, identification techniques and threats. Pp. 313-347 in Jakeman, A.J., O. Barreteau, R.J. Hunt, J-D Rinaudo, and A. Ross, editors. *Integrated Groundwater Management: Concepts, Approaches and Challenges*. Springer Nature, SW. DOI 10.1007/978-3-319-23576-9.
- 2016 Hershler, R., H-P. Liu, and **L.E. Stevens**. 2016. A new springsnail (Hydrobiidae: *Pyrgulopsis*) from the Lower Colorado River Basin, Northwestern Arizona. *Western North American Naturalist*, 76: 72-81.
- 2016 Junghans, K., A.E. Springer, **L.E. Stevens**, and J.D. Ledbetter. Springs ecosystem distribution and density for improving stewardship. *Freshwater Science* 35:1330-1339. DOI: 10.1086/689182.
- 2016 Ledbetter, J.D., **L.E. Stevens**, M. Hendrie, and A. Leonard. Ecological inventory and assessment of springs ecosystems in Kaibab National Forest, northern Arizona. Pp. 25-40 in Ralston, B.E, editor. *Proceedings of the 12th Biennial Conference of Research on the Colorado Plateau*. U.S. Geological Survey Scientific Investigations Report 2015-5180.
- 2016 Springer, A.E. and **L.E. Stevens**. Springs ecosystems: A global perspective. *America Water Resources Association Water Resources Impact* 18:32-33.
2016. **Stevens, L.E.**, J.D. Ledbetter, A.E. Springer C. Campbell, L. Misztal, M. Joyce, and G. Hardwick. *Arizona Springs Restoration Handbook*. Spring Stewardship Institute, Museum of Northern Arizona, Flagstaff, Arizona, and Sky Island Alliance, Tucson, Arizona.
- 2015 Burke, K.J., K.A. Harcksen, **L.E. Stevens**, R.J. Andress, and R.J. Johnson. Collaborative rehabilitation of Pakoon Springs in Grand Canyon-Parashant National Monument, Arizona. Pp. 312-330 in Huenneke, L.F., C. van Riper III, and K.A. Hayes-Gilpin, editors. *The Colorado Plateau VI: Science and Management at the Landscape Scale*. University of Arizona Press, Tucson.
- 2015 Simieon, G. and **L.E. Stevens**. *Tamarix* (Tamaricaceae), *Opsius stactogalus* (Cicidellidae), and litter fungi interactions limit riparian plant establishment. *Advances in Entomology* 3:65-81. doi: [10.4236/ae.2015.32008](https://doi.org/10.4236/ae.2015.32008).
- 2015 Springer, A.E., **L.E. Stevens**, J.D. Ledbetter, E.M. Schaller, K.M. Gill, and S.B. Rood. Ecohydrology and stewardship of Alberta springs ecosystems. *Ecohydrology* 8:896-910. DOI: 10.1002/eco.1596.
- 2015 **Stevens, L.E.** and A.G. Scarbrough. Additions to the robber fly fauna of southern Nevada, USA (Diptera: Asilidae). *Journal of the Arizona-Nevada Academy of Sciences* 46:42-49.
- 2015 **Stevens, L.E.**, K.J. Burke, J.R. Spence, L. Pilkington, and C. Hughes. Colorado River riparian ecosystem rehabilitation in Glen and Grand Canyons, Arizona. Pp. 353-376 in Huenneke, L.F., C. van Riper III, and K.A. Hayes-Gilpin, editors. *The Colorado Plateau VI: Science and Management at the Landscape Scale*. University of Arizona Press, Tucson.

- 2015 Kreamer, D.K., **L.E. Stevens**, and J.D. Ledbetter. Groundwater dependent ecosystems – Science, challenges, and policy. Pp. 205-230 in S.M. Adelana, Editor. Groundwater. Nova Science Publishers, Inc., Hauppauge (NY). ISBN 978-1-63321-759-1.
- 2014 Ledbetter, J.D., **L.E. Stevens**, B. Brandt, and A.E. Springer. Springs Online: a database to improve understanding and stewardship of springs ecosystems. Springs Stewardship Institute, Museum of Northern Arizona, Flagstaff. Available online at: springsdata.org.
- 2014 **Stevens, L.E.** and A.S. Menke. Biogeography of *Ammophila* (Hymenoptera: Sphecidae) in the Grand Canyon ecoregion, southwestern USA. Western North American Naturalist 74:216-222.
- 2013 **Stevens, L.** The Colorado River in Grand Canyon: A River Runner's Map and Guide to its Natural and Human History. Grand Canyon Wildlands Council, Flagstaff.
- 2012 Scarbrough, A.G., **L.E. Stevens**, and C.R. Nelson. Synopsis of the *albibarbis* complex of *Efferia* Coquillett from the Grand Canyon region, southwestern USA, with description of new species (Diptera: Asilidae). Pan-Pacific Entomologist 88:58-86.
- 2012 Siemion, G.M. and **L.E. Stevens**. Is riparian plant establishment limited by tamarisk herbivore interactions in the southwestern USA? Journal of the AZ-NV Academy of Sciences. 44:46-58.
- 2012 **Stevens, L.E.** Editor. *Global Advances in Biogeography*. InTech Publications, Rijeka. ISBN: 978-953-51-0454-4 .
- 2012 **Stevens, L.E.** The biogeographic significance of a large, deep canyon: Grand Canyon of the Colorado River, Southwestern USA. Pp. 169-208 in Stevens, L.E., editor. *Global Advances in Biogeography*. InTech Publications, Rijeka. ISBN: 978-953-51-0454-4. Available on-line at: http://cdn.intechopen.com/pdfs/34661/InTech-The_biogeographic_significance_of_a_large_deep_canyon_grand_canyon_of_the_colorado_river_southwestern_usa.pdf
- 2012 **Stevens, L.E.** and G. Simieon. Tamarisk reproductive phenology and Colorado River hydrography, southwestern USA. Journal of the Arizona-Nevada Academy of Sciences 44:46-58.
- 2011 Mortenson, S.G., P.J. Weisberg, and **L.E. Stevens**. The influence of floods and precipitation history on *Tamarix* establishment in Grand Canyon, Arizona: consequences for flow regime restoration. Biological Invasions DOI 10.1007/s10530-011-0139-z. Available on-line at <http://www.springerlink.com/content/86703g18035gt74x/fulltext.pdf> .
- 2011 Davis, C.J., A.E. Springer, and **L.E. Stevens**. Have aridland springs restoration projects been effective in restoring hydrology, geomorphology, and invertebrate and plant species composition comparable to natural springs with minimal anthropogenic disturbance? Collaboration for Environmental Evidence Review 10-002 (SR87); http://www.environmentalevidence.org/Documents/Completed_Reviews/SR87.pdf.
- 2010 **Stevens, L.E.** History of monitoring the Colorado River ecosystem below Glen Canyon Dam. Pp. 6-11 in U.S. Geological Survey. General Core Monitoring Plan for the Glen Canyon Dam Adaptive Management Program, Grand Canyon monitoring and Research Center, Flagstaff.
- 2009 **Stevens, L.E.**, B.T. Brown, and K. Rowell. Foraging ecology of peregrine falcons along the dam-regulated Colorado River, Grand Canyon, Arizona. The Southwestern Naturalist 54:284-299.
- 2009 Crews, S. and **L.E. Stevens**. Spiders of Ash Meadows National Wildlife Refuge, southern Nevada, USA. The Southwestern Naturalist 54:331-340.
- 2009 **Stevens, L.E.** and R.A. Bailowitz. Odonata biogeography in the Grand Canyon ecoregion, southwestern U.S.A. Annals of the Entomological Society of America 102(2):261-274. Abstract available at: <http://www.bioone.org/doi/abs/10.1603/008.102.0208>.
- 2009 Springer, A.E. and **L.E. Stevens**. Spheres of discharge of springs. Hydrogeology Journal DOI 10.1007/s10040-008-0341-y.
- 2008 Perla, B.S. and **L.E. Stevens**. Biodiversity and productivity at an undisturbed spring, in comparison with adjacent grazed riparian and upland habitats. Pp. 230-243 in Stevens, L.E. and V. J. Meretsky, editors. Aridland Springs in North America: Ecology and Conservation. University of Arizona Press, Tucson.

- 2008 Springer, A.E., **L.E. Stevens**, D. Anderson, R.A. Parnell, D. Kreamer, and S. Flora. A comprehensive springs classification system: integrating geomorphic, hydrogeochemical, and ecological criteria. Pp. 49-75 in Stevens, L.E. and V. J. Meretsky, editors. Aridland springs in North America: ecology and conservation. University of Arizona Press, Tucson.
- 2008 **Stevens, L.E.** Every last drop: future of springs ecosystem ecology and management. Pp. 332-346 in Stevens, L.E. and V. J. Meretsky, editors. Aridland Springs in North America: Ecology and Conservation. University of Arizona Press, Tucson.
- 2008 **Stevens, L.E.** and R.A. Bailowitz. Odonata of Ash Meadows National Wildlife Refuge, southern Nevada, U.S.A. Journal of the Arizona-Nevada Academy of Sciences 40:128-135.
- 2008 **Stevens, L.E.** and V. J. Meretsky, editors. Aridland Springs in North America: Ecology and Conservation. University of Arizona Press, Tucson.
- 2008 **Stevens, L.E.** and V. J. Meretsky. Springs ecosystem ecology and management. Pp. 3-10 in Stevens, L.E. and V. J. Meretsky, editors. Aridland springs in North America: ecology and conservation. University of Arizona Press, Tucson.
- 2008 **Stevens, L.E.** and J.T. Polhemus. Biogeography of aquatic and semi-aquatic Heteroptera in the Grand Canyon ecoregion, southwestern USA. Monographs of the Western North American Naturalist 4:38-76.
- 2008 **Stevens, L.E.**, F.B. Ramberg, and R.F. Darsie, Jr. Biogeography of Culicidae (Diptera) in the Grand Canyon region, Arizona, USA. Pan-Pacific Entomologist 84:92-109.
- 2008 **Stevens, L.E.**, D.S. Turner, and V. Supplee. 2008. Background: wildlife and flow relationships in the Verde River watershed. Pp. 51-70 in Haney, J.A., D.S. Turner, A.E. Springer, J.C. Stromberg, L.E. Stevens, P.A. Pearthree, and V. Supplee. Ecological implications of Verde River flows. The Nature Conservancy, Phoenix.
- 2007 Bailowitz, R. and **L. Stevens**. *Argia hinei* in Utah. Argia 17(4):21.
- 2007 **Stevens, L.** Water and biodiversity on the Colorado Plateau. Plateau: The Land & People of the Colorado Plateau 4(1): 48-55.
- 2007 **Stevens, L.E.**, T.L. Griswold, O. Messinger, W.G. Abrahamson, II, and T. J. Ayers. 2007. Plant and pollinator diversity in northern Arizona. The Plant Press 31 (1):5-7.
- 2007 **Stevens, L.E.**, J.T. Polhemus, R.S. Durfee, and C.A. Olson. Large, mixed-species dispersal flights of predatory and scavenging aquatic Heteroptera and Coleoptera, Northern Arizona, USA. Western North American Naturalist 67:587-592.
<https://ojs.lib.byu.edu/wnan/index.php/wnan/article/view/1611/1937>.
- 2006 Stacey, P.B., A.L. Jones, J.C. Catlin, D.A. Duff, **L.E. Stevens**, and C. Gourley. User's guide for the rapid assessment of the functional condition of stream-riparian ecosystems in the American Southwest. Wild Utah Project, Salt Lake City.
- 2005 **Stevens, L.E.** and R.A. Bailowitz. Distribution of *Brechmorhoga* clubskimmers (Odonata: Libellulidae) in the Grand Canyon region. Western North American Naturalist 65:170-174.
<https://ojs.lib.byu.edu/wnan/index.php/wnan/article/view/1314/1171>
- 2005 **Stevens, L.E.**, P.B. Stacey, A. Jones, D. Duff, C. Gourley, and J.C. Caitlin. A protocol for rapid assessment of southwestern stream-riparian ecosystems. Pp. 397-420 in van Riper, C. III and D.J. Mattson, editors. Fifth Conference on Research on the Colorado Plateau, University of Arizona Press, Tucson.
- 2005 Yard, M.D., G.E. Bennett, S.N. Mietz, L.G. Coggins Jr., **L.E. Stevens**, S. Hueftle, and D.W. Blinn. Influence of topographic complexity on solar insolation estimates for the Colorado River, Grand Canyon, AZ. Ecological Modeling 183:157-172.
2004. Shelley, R.M. and **L.E. Stevens**. Discovery of the milliped, *Tylobolus utahensis* Chamberlin, in Arizona (Spirobolida: Spirobolidae). Western North American Naturalist 63:541-542.
<https://ojs.lib.byu.edu/wnan/index.php/wnan/article/view/456/322>.
- 2004 Stromberg, J., M. Briggs, C. Gourley, M. Scott, P. Shafroth, and **L. Stevens**. Human alterations of riparian ecosystems. Pp. 99-126 in Baker, M.B. Jr., P.F. Ffolliott, L. DeBano, and D.G. Neary,

- editors. Riparian Areas of the Southwestern United States: hydrology, ecology, and management. Lewis Publishers, Boca Raton.
- 2004 **Stevens, L.E.** and R.L. Huber. Biogeography of tiger beetles (Cicindelidae) in the Grand Canyon Ecoregion, Arizona and Utah. *Cicindela* 35:41-64.
- 2004 **Stevens, L.E.** and A.E. Springer. A conceptual model of springs ecosystem ecology. National Park Service, Flagstaff, AZ, published online at <http://www1.nature.nps.gov/im/units/scpn/phase2.htm>.
- 2002 Meretsky, V.J., E.G. North, and **L.E. Stevens**. Kanab ambersnail and other terrestrial snails in south central Utah. *Western North American Naturalist* 62:307-316.
<https://ojs.lib.byu.edu/wnan/index.php/wnan/article/view/1141/998>.
- 2002 **Stevens, L.E.** and B.D. Gold. A long-term monitoring program for adaptive management of the Colorado River ecosystem in Glen and Grand canyons. Pp. 101-134 *in* Busch, D. and J. Trexler, editors. *Interdisciplinary approaches for evaluating ecoregional initiatives*. Island Press, Washington.
- 2002 **Stevens, L.E.** and G.P. Nabhan. Geographic heterogeneity: climate, stratigraphy, and soils of the Colorado Plateau. Pp. 27-32 *in* Center for Sustainable Environments, Terralingua, and Grand Canyon Wildlands Council, editors. *Safeguarding the uniqueness of the Colorado Plateau: an ecoregional assessment of biocultural diversity*. Center for Sustainable Environments, Northern Arizona University, Flagstaff.
- 2002 **Stevens, L.E.** and G.P. Nabhan. Hydrological diversity: water's role in shaping natural and cultural diversity on the Colorado Plateau. Pp. 33-40 *in* Center for Sustainable Environments, Terralingua, and Grand Canyon Wildlands Council, editors. *Safeguarding the uniqueness of the Colorado Plateau: an ecoregional assessment of biocultural diversity*. Center for Sustainable Environments, Northern Arizona University, Flagstaff.
- 2002 **Stevens, L.E.** and G.P. Nabhan. Biodiversity: plant and animal endemism, biotic associations, and unique habitat mosaics in living landscapes. Pp. 41-48 *in* Center for Sustainable Environments, Terralingua, and Grand Canyon Wildlands Council, editors. *Safeguarding the uniqueness of the Colorado Plateau: an ecoregional assessment of biocultural diversity*. Center for Sustainable Environments, Northern Arizona University, Flagstaff.
- 2002 **Stevens, L.E.** and T.J. Ayers. The biodiversity and distribution of alien vascular plant and animals in the Grand Canyon region. Pp. 241-265 *in* Tellman, B., editor. *Invasive exotic species in the Sonoran Region*. University of Arizona Press, Tucson.
- 2001 Hueftle, S.J. and **L.E. Stevens**. Experimental flood effects on the limnology of Lake Powell Reservoir, southwestern U.S.A. *Ecological Applications* 11:635-643.
- 2001 LaRue, C.T., L.L. Dickson, N.L. Brown, J.R. Spence, and **L.E. Stevens**. Recent bird records from the Grand Canyon region, 1974-2000. *Western Birds*.
- 2001 Patten, D.T. and **L.E. Stevens**. Restoration of the Colorado River ecosystem using planned flooding. *Ecological Applications* 11:633-634.
- 2001 Schmidt, J.C., R. Parnell, P.E. Grams, J.E. Hazel, M.A. Kaplinski, **L.E. Stevens**, and T.L. Hoffnagle. The 1996 controlled flood in Grand Canyon: flow, sediment transport, and geomorphic change. *Ecological Applications* 11:657-672.
- 2001 **Stevens, L.E.**, T.J. Ayers, J.B. Bennett, K. Christensen, M.J.C. Kearsley, V.J. Meretsky, A.M. Phillips III, R.A. Parnell, J. Spence, M.K. Sogge, A.E. Springer, and D.L. Wegner. Planned flooding and Colorado River riparian trade-offs downstream from Glen Canyon Dam, Arizona. *Ecological Applications* 11:701-710.
- 2000 Merényi, E., W.H. Farrand, **L.E. Stevens**, T.S. Melis, and K. Chhibber. Mapping Colorado River ecosystem resources in Glen Canyon: analysis of hyperspectral low altitude AVRIS imagery. 14th Congress on Applied Geologic Remote Sensing, Las Vegas, NV.
- 2000 Meretsky, V.J. and **L.E. Stevens**. Kanab ambersnail, an endangered succineid snail in southwestern USA. *Tentacle* 8:8-9.
- 2000 Miller, M.P., **L.E. Stevens**, J. D. Busch, J.A. Sorensen, and P. Keim. Amplified fragment length polymorphism and mitochondrial sequence data detect genetic differentiation and relationships in

- endangered southwestern U.S.A. ambersnails (*Oxyloma* spp.). Canadian Journal of Zoology 78:1845-1854.
- 2000 Meretsky, V.J., D.L. Wegner, and **L.E. Stevens**. Balancing endangered species and ecosystems: a case study of adaptive management in Grand Canyon. Environmental Management 25:579-586.
- 2000 Walters, C., J. Korman, **L.E. Stevens**, and B.D. Gold. Ecosystem modeling for evaluation of adaptive management policies in the Grand Canyon. Conservation Ecology 4:1[online] URL: <http://www.consecol.org/vol4/iss2/art1>.
- 1999 Myers, T.M., C.C. Becker, and **L.E. Stevens**. Fateful journey: injury risk and death on Colorado River trips in Grand Canyon. Red Lake Books, Flagstaff.
- 1999 Parnell, R.A., Jr., J.B. Bennett, and **L.E. Stevens**. 1999. Mineralization of riparian vegetation buried by the 1996 controlled flood. Pp. 225-239 in Webb, R.H., J.C. Schmidt, G.R. Marzolf, and R.A. Valdez. The controlled flood in Grand Canyon. American Geophysical Union Geophysical Monograph 110. Washington.
- 1999 **Stevens, L.E.**, K. Burke, and K. Crumbo. State of the Grand Canyon ecoregion. WildEarth 9:70-71.
- 1999 **Stevens, L.E.** Riparian ecology of the Colorado Plateau. In Collier, M., editor. Water, earth, and sky: the Colorado River basin. University of Utah Press, Salt Lake City.
- 1998 Brown, B.T., **L.E. Stevens** and T.A. Yates. Influences of fluctuating river flows on bald eagle foraging behavior. The Condor 100:745-748.
- 1998 Schmidt, J.C., R.H. Webb, R.G. Marzolf, R.A. Valdez and **L.E. Stevens**. Science and values in river restoration in the Grand Canyon. BioScience 48:735-747.
- 1998 **Stevens, L.E.**, J.E. Sublette, and J.P. Shannon. Chironomidae (Diptera) of the Colorado River in Grand Canyon, Arizona, U.S.A., II: Distribution and phenology. The Great Basin Naturalist 58:147-155. <https://ojs.lib.byu.edu/wnan/index.php/wnan/article/view/827/1667>.
- 1998 Sublette, J.E., **L.E. Stevens**, J.P. Shannon. Chironomidae (Diptera) of the Colorado River in Grand Canyon, Arizona, U.S.A., I: Taxonomy and ecology. The Great Basin Naturalist 58:97-146. <https://ojs.lib.byu.edu/wnan/index.php/wnan/article/view/826/1666>.
- 1997 Brown, B.T. and **L.E. Stevens**. Winter bald eagle distribution is inversely correlated with human activity along the Colorado River in Grand Canyon. J. Raptor Research 31:7-10.
- 1997 **Stevens, L.E.**, K.A. Buck, B.T. Brown and N. Kline. Dam and geomorphic influences on Colorado River waterbird distribution, Grand Canyon, Arizona. Regulated Rivers: Research & Management 13:151-169.
- 1997 **Stevens, L.E.**, J.P. Shannon and D.W. Blinn. Benthic ecology of the Colorado River in Grand Canyon: dam and geomorphic influences. Regulated Rivers: Research & Management 13:129-149. Abstract available online at: <http://www3.interscience.wiley.com/journal/11832/abstract?CRETRY=1&SRETRY=0>.
- 1996 Salzer, M.W., V.A.S. McCord, **L.E. Stevens** and R.H. Webb. The dendrochronology of *Celtis reticulata* in the Grand Canyon: assessing the impact of regulated river flow on tree growth. Pp. 273-281 in J.S. Dean, D.M. Meko and T.W. Swetnam (editors). Tree Rings, Environment and Humanity. Radiocarbon.
1996. Woods, J.O., T.G. Carr, P.W. Price, **L.E. Stevens**, and N.S. Cobb. Growth of coyote willow and the attack and survival of a mid-rib galling sawfly, *Euura* sp. Oecologia 108:714-722.
- 1995 Blinn, D.W., J.P. Shannon, **L.E. Stevens**, and J.P. Carder. Consequences of fluctuating discharge for lotic communities. Journal of the North American Benthological Society 14:233-248.
- 1995 **Stevens, L.E.** and D.L. Wegner. Changes on the Colorado River: Operating Glen Canyon Dam for environmental criteria. Pp. 65-74 in U.S. Environmental Protection Agency and Northeastern Illinois Planning Commission, editors. Using ecological restoration to meet Clean Water Act goals: Proceedings of a National Symposium, Chicago.
- 1995 **Stevens, L.E.**, J.S. Schmidt, T.J. Ayers and B.T. Brown. Geomorphic influences on fluvial marsh development along the dam-regulated Colorado River in the Grand Canyon, Arizona. Ecological Applications 5:1035-1039.
1994. Ayers, T.J. and **L.E. Stevens**. Noteworthy collections – Arizona. Madroño 41:228-229.

- 1994 Ayers, T.J., R.W. Scott, **L.E. Stevens**, K. Warren, A.M. Philips, III, and M.D. Yard. Additions to the flora of Grand Canyon National Park – I. *Journal of the Arizona-Nevada Academy of Science* 1:70-75.
- 1994 Brown, B.T., S.W. Carothers, R.R. Johnson, M.B. Riffey, and **L.E. Stevens**. Checklist of the birds of the Grand Canyon region. Grand Canyon Natural History Association, Grand Canyon.
- 1994 O’Conner, J. E., L.L. Ely, E.E. Wohl, **L.E. Stevens**, T.S. Melis, V.S. Kale, and V.R. Baker. A 4500-year record of large floods on the Colorado River in the Grand Canyon, Arizona. *Journal of Geology* 102:1-9.
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Kloeppe, D. Kreamer, C.T. LaRue, J.D. Ledbetter, J.N. Mast, D.J. Mattson, T.S. Melis, E. Merényi, V.J. Meretsky, O. Messinger, M.P. Miller, S.N. Mietz, S. Mortenson, G.P. Nabhan, E.G. North, C.A. Olson, R.A. Pamell, D.T. Patten, P.A. Pearthree, B.S. Perla, A.M. Phillips III, J.T. Polhemus, B.G. Ralston, F.B. Ramberg, J. Rihs, K. Rowell, D. Rueter, D.R. Sada, J.C. Schmidt, M. Scott, P. Shafroth, J.P. Shannon, R.M. Shelley, G.M. Siemion, M.K. Sogge, J.A. Sorensen, J.R. Spence, A.E. Springer, P.B. Stacey, J.C. Stromberg, J. Sublette, V. Supplee, J. Trexler, D.S. Turner, C. van Riper III, G.L. Waring, D.L. Wegner, P. Weisberg, M.D. Yard.

Co-editors (last 2 years): A.E. Springer

Graduate Advisors: D.W. Blinn, P.W. Price, C. N. Slobodchikoff, T.G. Whitham.

Senior and Masters Theses and Dissertation Advisor

18 women, 16 men; 4 BA senior theses, 24 Master's Theses, 5 PhD Dissertations, 1 Post-doc

J Barnes (Prescott College PhD), S Begley (NAU-PhD, pending), J Bennett (NAU - MS), KA Buck (NAU - MS), C Cooley (NAU - MS), K Doerr (NAU - PhD), R England (Prescott College-BA), S Ferrier (NAU-PhD), K Hamman (NAU-MS), R Harms (NAU-MS), J Holway (Prescott College – BA), D Galusa Hughes (NAU-MS), A LaBrake (NAU-MS), T Lackner (NAU-MS), JDLedbetter (Prescott College-BA), C McDaniel (MNA-Postdoc), SG Mortenson (UN-Reno-PhD), D Nadeau (NAU-MS), C Nelson (NAU-MS), R Noonan (Prescott College-BA), EG North (NAU-MS), K Paffett (NAU-MS pending), K Rowell (NAU-MS), EM Schaller (NAU-MS), J Schultz (NAU-MS), JP Shannon (NAU-PhD), GM Siemion (NAU-MS), D.A. Sinclair (NAU-MS), K Sparks (NAU-MS pending), D Stanitski-Martin (ASU-PhD), D. StClaire (NAU-MS), G Wimp (NAU-PhD), JS Wilkerson (ASU – MS), J Woods (NAU-MS).

PROFESSIONAL AFFILIATIONS

American Association for the Advancement of Science
Arizona Nevada Academy of Sciences
Arizona Riparian Council
The Ecological Society of America
Glen Canyon Dam Adaptive Management Work Group – Technical Work Group member for GCWC
Grand Canyon River Guides Association
Grand Canyon Wildlands Council, President of the Board , Science Advisor
Western North American Naturalist, Associate Editor
The Grand Canyon Wildlands Council, Science Advisor
Museum of Northern Arizona, Board of Trustees and Research Associate
Northern Arizona University: Adjunct Faculty Member in Biology
Certified SCUBA diver (PADI)
Prescott College: Adjunct Faculty Member
Southwestern Association of Naturalists
The Sierra Club
The Nature Conservancy