

# CURRICULUM VITAE: LAWRENCE E. STEVENS, PHD



**DATE OF BIRTH:** 17 November 1951, Cleveland, Ohio  
**MAILING ADDRESS:** 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

Larry Stevens was born in Cleveland, Ohio and moved to Arizona in 1970 where he attended Prescott College from 1970-1974. After working as an NPS biological technician and a river guide, he undertook graduate studies in fine arts and biology at the University of Arizona. He received his Masters degree in Biology in 1985 and his doctoral degree in Zoology in 1989, both from Northern Arizona University. He served as ecologist for Grand Canyon National Park from 1989-1994, and as the editor of Red Lake Books until 2006. He has served on many ecological councils and committees in Arizona. He teaches occasionally at both Prescott College and Northern Arizona University and has served on more than 40 senior, master's and doctoral student committees. He continues to work as a whitewater rafting guide in Grand Canyon. He is presently the director of the 501(c)3 Springs Stewardship Institute in Flagstaff, and is the principal investigator for Stevens Ecological Consulting LLC, and serves as the honorary curator of ecology at the Museum of Northern Arizona. He brings to bear more than 50 years of scientific research on springs and aquatic ecosystem ecology, land and water resources management, and advisement to all levels of governance, several Tribes, and many NGOs and scientific colleagues about those topics. He is also the senior ecologist for Wild Arizona-Grand Canyon Wildlands Council, in which position he has served as a conservation representative for the adaptive management of Glen Canyon Dam and the Colorado River through Grand Canyon since 2004. Larry has authored more than 150 scientific and popular publications, including recent books on river running in Grand Canyon, the ecology of spring and stream ecosystems, global biogeography, dragonfly ecology, and conservation.

### **PERTINENT EXPERIENCE, EMPLOYMENT, BOARDS:**

- 2022-present Adjunct Faculty Member, School of Earth and Sustainability, No. AZ University  
2020-present Director, Springs Stewardship Institute, Flagstaff, Arizona.  
2012-2020 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 Senior Ecologist, 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  
2002-2007 Board of Directors, Museum of Northern Arizona, Flagstaff  
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 Principal, Stevens Ecological Consulting, LLC  
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 University  
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, 2000-2006  
Curator of Ecology and Conservation, Museum of Northern Arizona, Flagstaff. 2007-present  
Director, Springs Stewardship Institute, Flagstaff, 2010-present  
Conservation Representative, 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, 1999- present  
Academic Advisement: 23 women, 18 men; 4 BA theses, 30 Master’s, 5 PhDs, 1 Post-doc

## PEER-REVIEWED PUBLICATIONS AND BOOKS

- In prep* Burch, S.J., A.E. Springer, **L.E. Stevens**, T.J. Joyal. Assessing ecosystem resilience of a springfed riparian ecosystem following novel fire disturbance in Grand Canyon, USA. For submission to Western North American Naturalist.
- In prep.* Fensham, R. and 22 co-authors, including **L.E. Stevens**. Fellowship of the Springs: an initiative to document and protect the world's oases.. For submission to Nature.
- In prep.* **Stevens, L.E.**, J.D. Ledbetter, J. Jenness, A. Hazelton, K. Szabo, C. Iozzo. Distribution, ecology, and conservation status of Nevada springs. *In* Work, K., J. Davis, J. Howard, J.B. Box, eds. Threatened Aquatic Gems: Freshwater Springs and Groundwater-Dependent Ecosystems. Frontiers in Environmental Science Freshwater Science Section.
- Submtd* Fensham, R., W. Ponder, V. Souza, and **L.E. Stevens**. Extraordinary concentrations of local endemism associated with dryland springs. Springs: Rare Gems. Frontiers..
- Submtd* Ragan, K.A., F.M. Walker, **L.E. Stevens**, and J. Schipper. Advancing north: White-nosed coati (*Nasua narica*) range expansion in Arizona. Submitted to Western North American Naturalist.
- In press* Johnson, R.R., G.P. Nabhan, K. Reichherdt, and **L.E. Stevens**. Desert oasis avifauna and Border Wall impacts: Quitobaquito Spring, Arizona. For submission to Indigenous Wildlife Management.
- In press* **Stevens, L.E.** and 60 co-authors. Springs of the world : distribution, ecology, and conservation status. Springs Stewardship Institute Monograph 1, Flagstaff. ISBN 978-0-578-96333-4.
- 2022 **Stevens, L.E.**, R.R. Johnson, and C. Estes. Characteristics and process interactions in natural fluvial-riparian ecosystems : A synopsis of the Watershed-Continuum Model. *In* Ray R, Panagouli DG, and Abeysingha N, editors. River basin management – under a changing climate. InTechOpen, London. <https://doi.10.5772/inte> ISBN 978-1-80355-559-1.
- 2022 Schenk, E.R., Jenness J.S., and **L.E. Stevens**. Declines in an aridland river's base flow due to increasing air temperature: implications for springs ecosystems. Journal of the Arizona-Nevada Academy of Science 49(2) :92-98. <https://doi.org/10.2181/036.049.0206>.
- 2022 **Stevens, L.E.**, K. Holcomb, C. Crookshanks, D.W. Sada, Jeff Jenness, and K. Szabo. A strategy for conservation of springsnails in Nevada and Utah, USA. Sustainability 14:9546. <https://doi.org10.3390/su14159546>.
- 2021 Kurzweil, J., R. Abdi, **L. Stevens**, T. Hogue. Utilization of ecological indicators to quantify distribution and conservation status of Mt. Tamalpais springs, Marin County, California. Ecological Indicators 125, article 107544. <https://doi.org/10.1016/j.ecolind.2021.107544>..
- 2021 McDaniel, C., **L.E. Stevens**, J.H. Holway, and C. Ellsworth. Distribution and impacts of benthic and hyporheic anoxia on the Colorado River ecosystem downstream from Glen Canyon Dam, Arizona, USA. Annals of Ecology and Environmental Science 5(1):1-17. <https://doi.org/10.22259/2637-5338.0501001>.
- 2021 **Stevens, L.E.** and 60 co-authors. Springs of the world: distribution, ecology, and conservation status. *In*: Imperiled: The Encyclopedia of Conservation, Elsevier. <https://doi.org/10.1016/B978-0-12-821139-7.00111-2>.
- 2021 **Stevens, L.E.**, E.R. Schenk, and A.E. Springer. Springs ecosystem classification. Ecological Applications 31 : e2218. <https://doi.org/10.1002/eap.2218>.
- 2020a Cantonati, M., R.J. Fensham, **L.E. Stevens**, R. Gerecke, D. S. Glazier, N. Goldscheider, R. L. Knight, J. S. Richardson, A. E. Springer, and K. Töckner. An urgent plea for global spring protection. Conservation Biology <https://doi.org/10.1111/cobi.13576>.
- 2020b Cantonati, M., Poikane, C.M. Pringle, **L.E. Stevens**, and E. Turak. Multiplicity, characteristics, main impacts, and stewardship of natural and artificial freshwater environments: Consequences for biodiversity conservation. MDPI Books, Basel, Switzerland.
- 2020 Cantonati, M., S. Poikane, C.M. Pringle, **L.E. Stevens**, E. Turak, J. Richardson, T. Zohary, A. Borrini, M. Čvrtilíková, D.M.P. Galassi, A.A. Saber, M. DiCicco, B. Fiasca, J. Kubečka, L. Naselli-Flores, and P. Znachor. Multiplicity, characteristics, main impacts, and stewardship of natural and

- artificial freshwater environments: Consequences for biodiversity conservation. *Water* 12 :260/  
<https://doi.org/10.2290/w12010260>.
- 2020 Cantonati, M., **L.E. Stevens**, S. Segadelli, A.E. Springer, N. Goldscheider, F. Celico, M. Filippini, K. Ogata, and A. Garginin. 2020b. Ecohydrogeology: the interdisciplinary convergence needed to improve the study and stewardship of springs and other groundwater-dependent habitats, biota, and ecosystems. *Ecological Indicators* 110. <https://doi.org/10.1016/j.ecolind.2019.105803>.
- 2020 Cartwright, J.M., K.A. Dwire, Z. Freed, S.J. Hammer, B. McLaughlin, L.W. Misztal, E.R. Schenk, J.R. Spence, A.E. Springer, and **L.E. Stevens**. Oases of the future? Evaluating springs as potential hydrologic refugia in drying climates. *Frontiers in Ecology and the Environment* 18:245-253. <https://doi.org/10.1002/fee.2191>.
- 2020 de Grenade, R. and **L.E. Stevens**. Desert oasis springs: ecohydrology, biocultural diversity, mythology, and societal implications. Pp. 36-46 in Goldstein, M.I., DellaSala, D.A., editors. *Encyclopedia of the World's Biomes 2*, Elsevier. ISBN: 9780128160961.
- 2020 Sada, D.W. and **L.E. Stevens**. Conservation and ecological rehabilitation of North American aridland spring ecosystems. Pp. 255-269 in Propst DL, Williams JE, Bestgen KR, Hoagstrom, K.R. (eds). *Standing between Life and Extinction: Ethics and Ecology of Conserving Aquatic Species in North American Deserts*. University of Chicago Press, Chicago.
- 2020 Schenk, E.R., F. O'Donnell, A. E. Springer, and **L.E. Stevens**. The impacts of tree stand thinning on groundwater recharge in aridland forests. *Ecological Engineering* 145 : 105701 (11 pp). <https://doi.org/10.1016/j.ecoleng.2019.105701>.
- 2020 **Stevens, L.E.** The springs biome, with an emphasis on arid regions. *Encyclopedia of the World's Biomes 2*:354-370. <https://doi.org/10.1016/B978-0-12-409548-9.12451-0>.
- 2020 **Stevens, L.E.**, R.A. Bailowitz, and D. Danforth. Dragonflies and damselflies of Grand Canyon. Stevens Ecological Consulting, Flagstaff, AZ.
- 2020 **Stevens, L.E.**, J.H. Holway, and C. Ellsworth. Benthic discontinuity between an unregulated tributary and the dam-controlled Colorado River, Grand Canyon, Arizona, USA. *Annals of Ecology and Environmental Science* 4:33-48. ISSN 2637-5338.
- 2020 **Stevens, L.E.**, J. Jenness, and J.D. Ledbetter. Springs and springs-dependent taxa in the Colorado River Basin, southwestern North America: geography, ecology, and human impacts. *Water* 12, 1501; doi:10.3390/w12051501.
- 2020 **Stevens, L.E.**, R.R. Johnson, and C. Estes. The watershed continuum: A conceptual fluvial-riparian ecosystem model. Pp. 80-137 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.
- 2019 Nielson, K., K.M. Gill, A.E. Springer, J.D. Ledbetter, **L.E. Stevens**, and S.B. Rood. Springs ecosystems: vulnerable ecological islands where environmental conditions, life history traits, and human disturbance facilitate non-native plant invasions. *Biological Invasions* pp. 1-19: <https://doi.org.10.1007-019-02025-6>.
- 2019 Fuchs, L., **L.E. Stevens**, and P.Z. Fule. Denrochronological assessment of spring flow on ponderosa pine growth. *Forest Ecology and Management* 435:89-96.
- 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. Savage, R.W. Tiner, 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**. 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 12<sup>th</sup> 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. *American 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. Adelman, 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](http://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.
- 2013-22 **Stevens, L.** The Colorado River in Grand Canyon: A River Runner’s Map and Guide. 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](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](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. Available online [https://books.google.com/books?hl=en&lr=&id=9ICM\\_c35aJAC&oi=fnd&pg=PA76&dq=c.+vance+haynes+2008&ots=tI7hwN\\_T04&sig=ceVYnclBd5-.dappPUA1QMgcvmok#v=onepage&q=c.%20vance%20haynes%202008&f=false](https://books.google.com/books?hl=en&lr=&id=9ICM_c35aJAC&oi=fnd&pg=PA76&dq=c.+vance+haynes+2008&ots=tI7hwN_T04&sig=ceVYnclBd5-.dappPUA1QMgcvmok#v=onepage&q=c.%20vance%20haynes%202008&f=false).
- 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, editors. Ecological implications of Verde River flows. The Nature Conservancy, Phoenix.
- 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 Bailowitz, R. and **L. Stevens**. *Argia hinei* in Utah. Argia 17(4):21.
- 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 millipede, *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>.
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**Senior and Masters Theses and Dissertation Advisor**

**23 women, 18 men: 4 HS or BA senior theses, 30 Master's Theses, 5 PhD Dissertations, 1 Post-doc**  
 J Barnes (Prescott College PhD), S Begley (NAU-PhD), J Bennett (NAU - MS), KA Buck (NAU - MS), S Burch (NAU MS, pending), C Cooley (NAU - MS), K Doerr (NAU - PhD), R England (Prescott College-BA), S Ferrier (NAU-PhD), L Fuchs (MS France), K Hamman (NAU-MS), R Harms (NAU-MS), E Hendry (UM-MS), J Holway (Prescott College – BA), D Galusa Hughes (NAU-MS), A LaBrake (NAU-MS), T Lackner (NAU-MS), JD Ledbetter (Prescott College-BA), C McDaniel (MNA-Postdoc), SG Mortenson (UN-Reno-PhD), B. Murrieta (NAU MS), D Nadeau (NAU-MS), C Nelson (NAU-MS), R Noonan (Prescott College-BA), EG North (NAU-MS), K. Nuytens (NAU-MS pending), K Paffett (NAU-MS), K Rowell (NAU-MS), EM Schaller (NAU-MS), J Schultz (NAU-MS), JP Shannon (NAU-PhD), GM

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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 – Environmental Representative on the TWG and AMWG for GCWC  
Grand Canyon River Guides Association  
Grand Canyon Wildlands Council, Senior Ecologist  
Western North American Naturalist, former Contributing Editor  
The Grand Canyon Wildlands Council, Senior Ecologist  
Museum of Northern Arizona, Biology Curator  
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Certified SCUBA diver (PADI)  
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Southwestern Association of Naturalists  
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