

**Steven L. Caicco**  
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- 03/05 - present     **Botanist – Nevada Fish and Wildlife Office, Reno.** Responsible for northern Nevada botany program. Function as office specialist for riparian and wetland ecology. Implement recovery plans, conduct 5-year reviews of listed plant species and status assessment of candidate and petitioned species. Project officer on numerous research contracts on genetics, demographics, taxonomy, and status surveys.
- 07-03 to 03-05     **Senior Biologist, Federal Activities Program, Nevada Fish and Wildlife Office, Reno.** Project manager for Service on the management team for the Truckee River Operating Agreement (TROA). TROA responsibilities included technical lead for all biological sections of EIS/EIR to assess the environmental impacts of implementing the negotiated TROA, including fisheries, wildlife, and aquatic and riparian habitat analyses. FWS representative on interagency team to develop regional supplement to Army Corps of Engineers (ACOE) Arid West Wetland Delineation Manual. Advised staff providing technical assistance to the ACOE on the Truckee Meadows Flood Control and Ecosystem Restoration Projects. Participated on the Bureau of Reclamation's Desert Terminal Lakes grant review team.
- 01-01 to 07-03     **National Coordinator, Native Plant Materials Development, Bureau of Land Management, Washington, D.C.** Managed a \$5 million/year program to develop native plant materials for use in restoration and rehabilitation projects on public lands. Primary role was to develop strategy and national policy for a long-term program to supply and manage native plant materials and to coordinate research efforts to develop plant materials among the 12 western states in which the BLM administers public lands;
- 10-00 to 01-01     **Fish and Wildlife Biologist, Fish and Wildlife Service, Arlington, VA.** Managed listing and critical habitat rules for plants in Endangered Species office. Responsibilities included preparation and processing of same, and coordination with Federal Register for timely publication in accordance with court-ordered deadlines.
- 05-98 to 10-00     **Natural Resource Specialist, Fish and Wildlife Service, Refuge Planning Division, Portland, OR.** Conducted natural resource assessments for additions to existing National Wildlife Refuges and new refuges, with primary geographic responsibilities in the Great Basin. Collected data on fish, wildlife, and plants and their habitats, assessed values of these natural resources to the refuge system, analyzed environmental impacts of adding lands to the refuge system, prepared documents to comply with NEPA and other environmental and internal compliance requirements.
- 07-96 to 05-98     **Fish and Wildlife Biologist, Fish and Wildlife Service, Endangered Species Division, Portland, OR.** Major responsibilities included review of proposed and final rules to list plant species as threatened or endangered

under the Endangered Species Act. or their scientific soundness, completeness of the administrative record, and consistency of the rule with national and regional policies and guidelines, coordination with staff biologists in field offices, and briefings on controversial listing packages to upper level management including the Regional Director and Washington Office staff.

03-92 to 07-96

**Senior Fish and Wildlife Biologist, Fish and Wildlife Service, Water Resources Division, Sacramento, CA.** Major duties included oversight of staff biologists working on environmental assessments of Federal water projects and studies conducted by the U.S. Bureau of Reclamation (BOR) and the U.S. Army Corps of Engineers (ACOE); representing the Service's interests in interagency water resource planning efforts including the Suisan Marsh Ecological Workgroup and the Sacramento Water Forum. Planned, organized, scheduled, and completed biological investigations of impacts of land and water development projects on the Truckee River in California and Nevada, and throughout the Central Valley of California; evaluated and commented on BOR and ACOE projects and related environmental documents in accordance with the Fish and Wildlife Coordination Act and other environmental laws; wrote objective letters and reports addressing the impacts to fish and wildlife resources and aquatic and riparian habitat; and represented the Service's interests at meetings by explaining Service policies and positions and negotiating resource protection and mitigation agreements; conducted field studies to evaluate resource development project impacts, coordinated with other resource agencies, recommended resource protection and enhancement options within specified deadlines; and, developed, negotiated, and monitored scopes of work and related budgets.

- 04-89 to 03-92     **Senior Wetland Biologist, The Coot Company, Olympia, WA.** Duties included conducting field reconnaissance and preparing cost estimates for wetland identification and delineation for private sector clients; design, scheduling, and performance of wetland delineations; supervision of biological technicians in performance of field work; writing of technical reports to be used by clients in applying to Federal and State regulatory agencies for permits under the Clean Water Act, Washington State Environmental Protection Act, and local ordinances regulating activities in and around wetlands; recommending mitigation for project impacts on wetlands, and developing and implementing mitigation and monitoring plans to address impacts of permitted activities in and around wetlands.
- 04-84 to 04-89     **Research Botanist/Ecologist, Idaho Natural Heritage Program, The Nature Conservancy, Boise, ID.** Responsible for the development and management of a state-wide data base on wildlife habitats and rare plants. Duties included: development and refinement of wetland, riparian, aquatic and terrestrial habitat classifications; collection of data on the occurrence and ecology of all Idaho ecosystems and rare plant species; incorporation of these data into manual, map, and computer data bases; 5) data analysis and recommendation of natural area protection priorities and strategies on public and private lands; development of management plans for species and habitats in coordination with Federal and State agencies
- Education            M.S. Botany, University of Idaho, Moscow, ID  
                          B.A. Biology/Geology, Western Washington University, Bellingham, WA
- Skills                    Word processing, spreadsheet, and database; ARCMAP GIS, multivariate statistics, graphics applications; native plant propagation.
- Professional  
Affiliations            Ecological Society of America  
                          California Botanical Society

### Peer Reviewed Conservation Biology Publications

- Caacco, S.L. 1998. Current status, structure, and plant species composition of the riparian vegetation of the Truckee River, California and Nevada. *Madroño* 43(1):17-30.
- , with J.M. Scott, B. Butterfield, and B. Csuti. 1995. A gap analysis of the management status of the vegetation of Idaho. *Conservation Biology* 9:498-511.
- , with J.M. Scott, F. Davis, B. Csuti, R. Noss, B. Butterfield, C. Groves, H. Anderson, F. D'Erchia, T.C. Edwards, Jr., J. Ulliman, and R.G. Wright. 1993. Gap Analysis: a geographic approach to protection of biological diversity. *Wildlife Monographs* No. 123. 41 pp.
- , with J.M. Scott and B. Csuti. 1991. Gap Analysis: assessing protection needs. Pp. 15-26 in W.E. Hudson, editor. *Landscape Linkages and Biodiversity*. Island Press, Covelo, CA.
- , with J.M. Scott, B. Csuti, K. Smith, and J.E. Estes. 1991. Gap analysis of species richness and vegetation cover: an integrated biodiversity conservation strategy. Pp. 282-297 in K.A. Kohm, editor. *Balancing on the Brink of Extinction: the Endangered Species Act and Lessons for the Future*. Island Press, Covelo, CA.
- , with J.M. Scott, B. Csuti, K. Smith, and J.E. Estes. 1988. Beyond Endangered Species: an integrated strategy for the preservation of biological diversity. *Endangered Species Update* 5(10):43-48.

### Other Publications

- Army Corps of Engineers. Interim Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Arid West Region. 122 pp. 2006.
- Report to Congress on Interagency Plans and Recommendations to Develop a Long-term Program to Supply and Manage Native Plant Materials for Restoration Efforts on Federal Lands. U.S. Departments of Interior and Agriculture, Washington, D.C. 17 pp. 2002.
- Jones, T. A., D. C. Nielson, S. R. Larson, D. A. Johnson, T. A. Monaco, S. L. Caacco, D. G. Ogle, and S. A. Young. Registration of Fish Creek bottlebrush squirreltail germplasm. *Crop Science* 44:1879-1880. 2004.
- Jones, T. A., D. C. Nielson, S. R. Larson, D. A. Johnson, T. A. Monaco, S. L. Caacco, D. G. Ogle, S. A. Young, and J. R. Carlson. Registration of Toe Jam Creek bottlebrush squirreltail germplasm. *Crop Science* 44:1880-1881. 2004.
- Jones, T. A., D. C. Nielson, S. L. Caacco, G. A. Fenchel, and S. A. Young. Registration of Star Lake Indian ricegrass germplasm. *Crop Science* 45:1666. 2005.