

CURRICULUM VITAE

PETER SAXON SPROUSE

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Education:

University of Texas at Austin (UT)
Studied in the Department of Geological Sciences, 1974

Honors and awards:

Cartographic Salon winner, National Speleological Society, 1986
Cartographic Salon winner, National Speleological Society, 1980
Lew Bicking award of the National Speleological Society, 1979
Fellow Award of the National Speleological Society

Species honors:

Vaejovis sprousei - a surface scorpion from Nuevo León
Mexisphodris sprousei - a troglobitic beetle from Sistema Purificación, México
Eleodes sprousei tenbrionidae - a troglomorphic darkling beetle
Cicurina sprousei - a blind spider from Real County, Texas
Protoschizomus sprousei - a blind schizomid from Tamaulipas
Paravachonium sprousei - a pseudoscorpion from Oaxaca
Sumidero sprousei - a millipede from Xilitla, SLP
Rhadine sprousei - a cave-dwelling ground beetle from Bexar County, Texas

Professional employment

Zara Environmental LLC: Vice President. Oversees and participates in environmental projects relating to endangered species and land management. Prepared a Recovery Plan for US Fish and Wildlife Service for endangered karst invertebrates in Bexar County, Texas, 2003 - present.

Peter Sprouse, Contractor: Karst field services contractor. Conducted karst feature surveys, biological assessments, and land management projects. Specific projects include:

Led karst survey crew on 28,000 acres at Camp Bullis Texas: for George Veni and Associates, 1994-2003
Monitored three mitigation caves on a quarterly basis for endangered invertebrates in compliance with USFWS requirements for the Habitat Conservation Plan developed for Lakeline Mall in Williamson Co., TX, for Texas Parks and Wildlife Dept. 1991-2003

Omni Films, "The Real Spiderman": Guided a film crew to a cave in Oaxaca, Mexico to film blind tarantula spiders in 2002. The resulting video aired on the Animal Planet channel later that year.
National Geographic Magazine: Guided National Geographic photographer Mark Moffett to caves in Oaxaca to photograph cave-adapted tarantulas in 1994. This resulted in an article published in the September 1996 National Geographic magazine.

Grants and Permits awarded:

Margaret Cullinan Wray Charitable Trust, in support of exploration and cartography for Proyecto Espeleológico Purificación, 1992-1999

US Fish and Wildlife Service endangered species permit number TE014168-0

Texas Department of Agriculture pest control license 0362274

Publications:

Sprouse, P.S., and Fant, J. 2002. Caves of the Golondrinas Area, Association for Mexican Cave Studies Bulletin 10. pp. 1-74.

Technical Reports:

Gluesenkamp, A.G., J.K. Krejca and **P.S. Sprouse**. 2004. Cave management at Camp Bullis 22 September 2003 – 21 March 2004. Report prepared for Texas Cave Management Association. pp. 1-23.

Krejca, J.K. and **P.S. Sprouse**. 2003. Aquatic invertebrate fauna survey at Hueco Springs Creek, Comal County, Texas. Report prepared for Paul Price & Associates. pp. 1-18.

Volunteer Projects:

Sistema Purificación explorations, Mexico: Led the exploration and mapping of Mexico's longest cave system (95 km), 1977-2000. This involved multi-month expeditions that required the extensive use of remote underground camps. Tasks included selecting expedition personnel, defining daily team objectives, organizing data, and preparing post-expedition reports and maps. For a detailed project history, see www.purificacion.org.

Cave exploration in the area of Xilitla, San Luis Potosi, Mexico, 1974-2004.

Cave exploration in Coahuila state, Mexico, 1990-2004.

Cave exploration in the Bob Marshall Wilderness, Montana, 1974-1996

Aerial reconnaissance of Mexican karst, 1989-2001.

Survey of Longhorn Caverns, Texas, 2000-2003.

Survey of Cobb Caverns, Texas, 1995-1998

Organizer of Mexpeleo event, 1989, 1992, 2002.

Organizer of EspeleoCoahuila event, 2004, 2005

1980-1981 Participated in support activities including dye tracing, related to Louise Hose's masters thesis entitled "Geology and Hydrology of the Sistema Purificación Area, Tamaulipas, Mexico.

1999 – Performed injection of dye at Guadalupe River State Park, Texas for George Veni and Associates, relating to water supplies at the park.

2007- Led a karst feature survey for the Lower Colorado River Authority at the LCRA Wheless Tract of approximately 5—acres. The objective of this work was to locate potential dye injection points for tracing of groundwater flow paths in the habitat of Eurycea salamanders.