

Jeanette “Jet” Larsen

Biologist

General Qualifications

Mrs. Larsen has experience conducting karst surveys, habitat assessments, and karst biology studies in Williamson, Travis and Bexar Counties. She has conducted karst feature surveys on 10,000 acres in central Texas since 2001. She has considerable experience in conducting karst feature excavations for potential species habitat. She also has participated in several dye traces by collecting and analyzing samples.

Experience

Edwards Aquifer Well and Cave Sampling for Aquifer Biota: Comal, Bexar, Medina and Uvalde Counties, Texas. *Edwards Aquifer Authority*, Scientist. Responsibilities include sorting and identifying aquatic fauna of the Edwards Aquifer.

Karst Fauna Mapping, Hays County, Texas. *Hays County*. Scientist. karst invertebrate collection management. Collection management includes identification, curation and tracking of karst invertebrate specimens and database management.

Yosemite Caves Bio-Inventory, Mariposa County, California. *National Park Service*. Scientist. Zara surveyed caves in Yosemite National Park, California. Activities included identifying invertebrates.

Karst Assessment for DPS Training Facility, Williamson County, Texas. *URS Corporation, Austin Branch*. Karst Technician. Duties included surveying terrain for karst features. Zara performed a full karst survey and karst assessment in addition to all aspects of a geological assessment.

Camp Bullis Karst Management, San Antonio, Bexar County, Texas. *Department of Defense*. Scientist. Responsibilities include biomonitoring caves. Zara has an ongoing contract to monitor endangered species, evaluate karst habitat and caves, and evaluate the hydrogeology of Camp Bullis. This includes managing over 70 caves, more than 20 of which are known endangered species habitat, as well as identifying population trends, threats, newly found caves, or additional cave habitat.

Lakeline Mall Habitat Conservation Plan, Travis and Williamson Counties, Texas. *Texas Cave Management Association*. Project Manager, Scientist. (August 2009- present) Responsibilities include project management oversight and field work. Zara has an ongoing contract to survey mitigation preserves for listed karst species. This includes evaluating presence/absence and number of endangered species at habitat with varying human impact levels multiple times per year.

City of Austin Water Treatment Plant 4 (2006-2007), Austin, Travis County, Texas. *Carollo Engineers*. Karst technician. Responsibilities included karst feature excavation. Zara examined caves and karst features on several proposed locations for COA Water Treatment Plant 4. This included determining if endangered species habitat existed, excavation if necessary for scientific studies, and searching for endangered karst species when likely habitat was found.

Years with Zara: 1

Previous Experience: 8

Education:

B.S. Aquatic Biology/ Minor
Chemistry, Texas State University

Certifications:

Federal endangered species permit

CPR training