

Texas Conservation Symposium
Sample Title and Abstract

Reproduction of the Georgetown Salamander (*Eurycea naufragia*)
Benjamin A. Pierce and Samuel Guess, Southwestern University, Georgetown, TX
78626

Abstract (250 word limit):

The Georgetown Salamander, *Eurycea naufragia*, is a spring and cave dwelling neotenic salamander endemic to the San Gabriel watershed of Williamson County, Texas. Using monthly surveys of salamanders at two sites over five years, we examined the reproductive biology of these animals. We found individuals with eggs (gravid salamanders) from October to April at each of our sites during all five years of the study, indicating that Georgetown Salamanders reproduce in winter and early spring. The percent of gravid salamanders peaked within the winter period of the reproductive season, from October to December, and peaked again within the spring period, from January to April, in each year of the study. We found no significant difference between body size or body condition of salamanders reproducing in the winter period and salamanders reproducing in the spring period. Evidence suggests that some gravid salamanders may produce two egg clutches within a single reproductive season. Information about reproduction enhances our understanding of the life history of the Georgetown salamander and may be important for conservation planning.

Please indicate whether this will be an oral (10-12 minutes for talk, 3-5 minutes for questions) or poster presentation:

- Oral Presentation
- Poster Presentation

Please indicate if you require the ability to present remotely:

- I am only able to present remotely (cannot present in-person)

If you are interested in competing for a student award, please add the following information:

I wish to compete for a student award:

- Yes
 - Undergraduate student award
 - Graduate student award