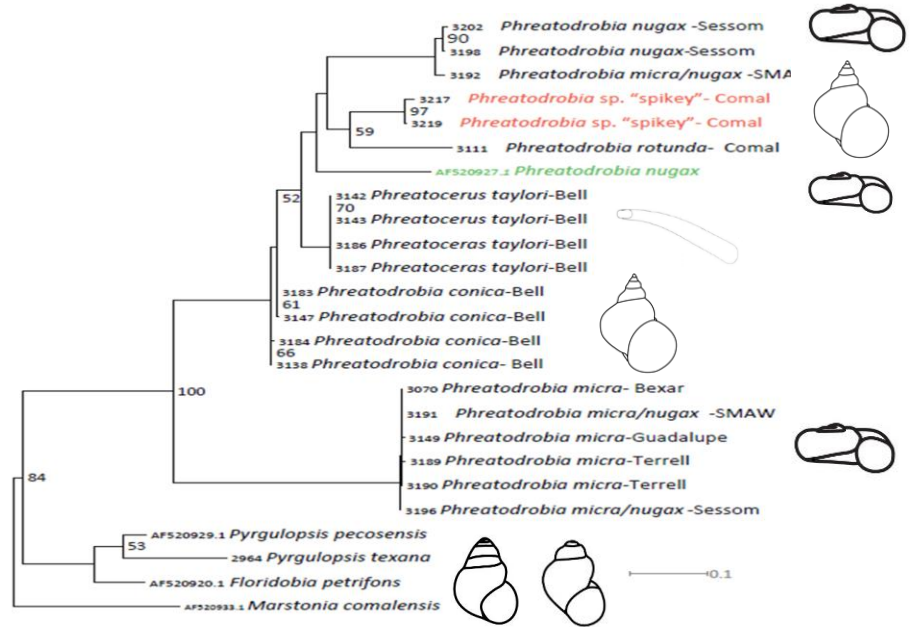




Taxonomy

Phreatodrobia Hershler & Longley, 1986

Phreatodrobia nugax Pilsbry & Ferriss, 1906



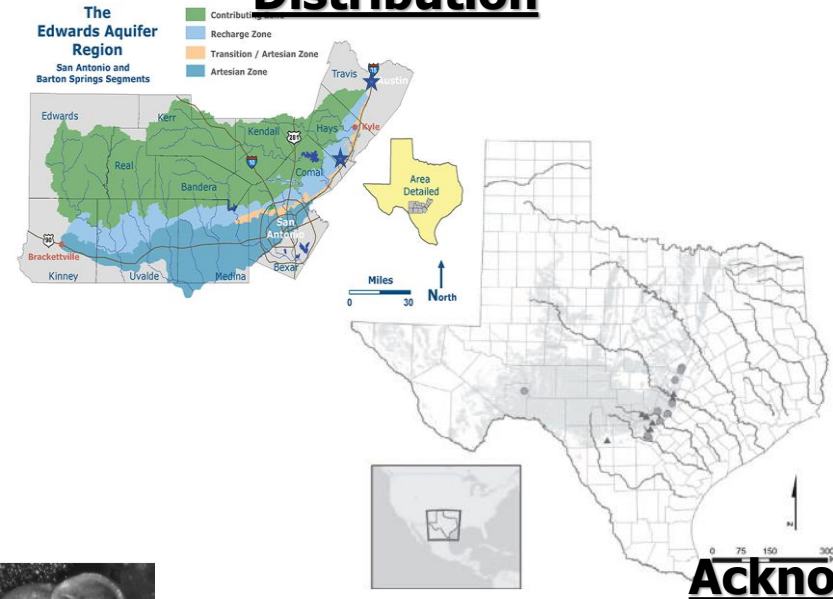
Shell Morphology

Shell width: 1.3 mm avg
 Shell Form: Slightly raised shell
 Whorls: 2.5-3.2 body whorls
 Aperture: Highly flared, thickened lip

Ecology

Primary consumer
 Scraping/grazing on microbial mats
 Potential predator:
Eurycea chisholmensis salamander

Distribution



Phylogeography of *P. nugax*

- Molecular phylogenetics
- Sampling at wells, springs, seeps
- Photograph individuals
- Geometric morphometrics data
- Extract DNA/PCR results
- DNA Barcoding using mtDNA & nuclear
- Maximum Likelihood Analysis
- Construct phylogenetic tree

Snails easily confused with *P. nugax*



Acknowledgments

Randy Gibson, Pete Diaz, Ruben Tovar, Peter Sprouse, Jeremy Maikoetter, Ben Schwartz, Ben Hutchins, Kathryn Perez, Dominique Alvear

Literature

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