

Threatened and Endangered Species Engagement Evaluation Methodology

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Background

- USFWS expanded focus beyond federal lands
- Texas' growing population and development
- Increased focus on species status, especially aquatic species, by TPWD
- Endangered Species Act as a tool to effect change



Purpose

- Develop a methodology to evaluate a species potential to impact BRA Operations
 - Water rights
 - Existing properties and easements
 - Future water supply projects



Juvenile Brazos Water Snake collected in Brazos River in Palo Pinto County



Methodology

- Species will be evaluated annually using Species Evaluation Matrix
 - New species
 - Status changes to already ranked species
- Assessed on a scale of 1 to 5
- Any species scoring 3.5 or greater represents a potential concern



Texas Fawnsfoot from Little River in Milam County



Recommendations

- ES Staff will make recommendations for level of engagement
 - Monitoring
 - Special Study
 - Adding species to CCAA
- Present annually to Risk
 Management Committee



Tartarocreagris hoodensis, a pseudoscorpion endemic to the Brazos Basin, Fort Hood Caves in Bell County



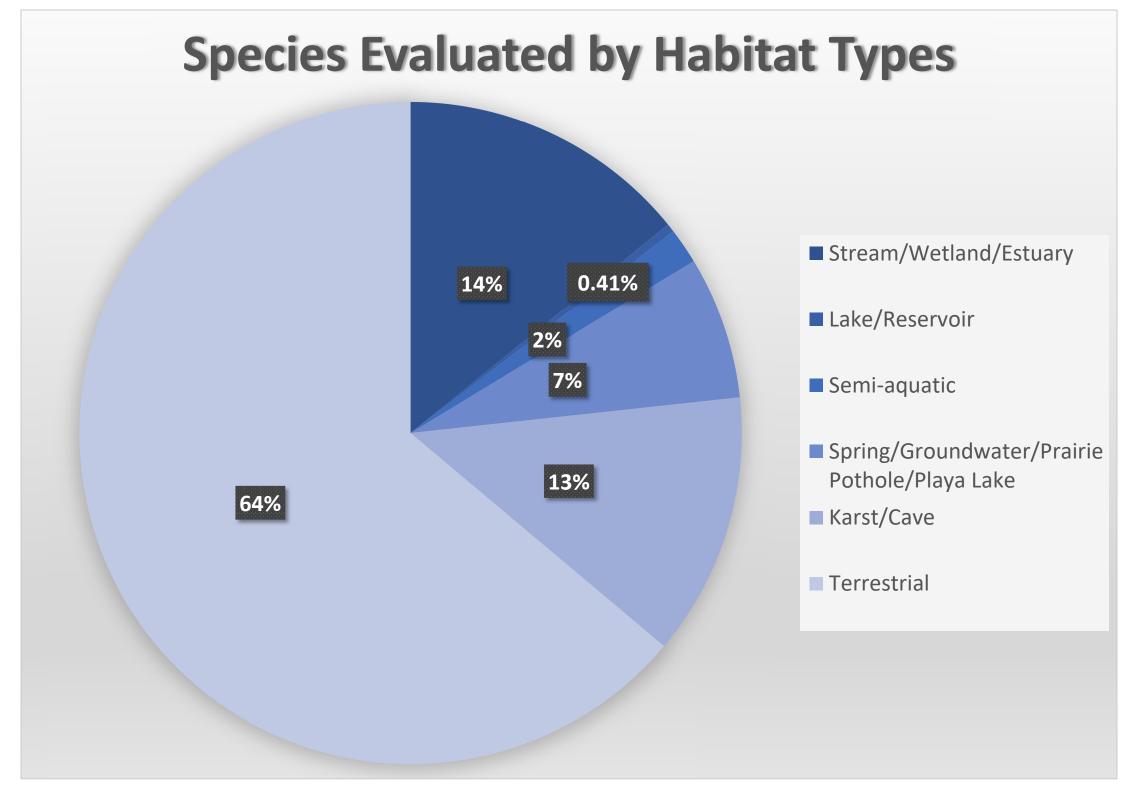
First Evaluation

- Evaluated 1,207 Texas Species
 - TPWD Rare, Threatened and Endangered Database
 - USFWS
 - Threatened and Endangered Animals and Plant Lists
 - Candidate Species Report
 - National Listing Workplan
 - Delisted Species List
 - Reclassified Species List
- 3 species identified as species of concern
 - Brazos Water Snake
 - Texas Fawnsfoot
 - Balcones Spike



Balcones Spike from Brushy Creek in Williamson County





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