

Morphometric Differentiation and Diet of *Engystomops pustulosus* (Amphibia: Leptodactylidae) in Three Populations from Colombia

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Abstract
This paper evaluated the intraspecific variation and diet of *Engystomops pustulosus* in three localities (Colosó, Santa Trés, and El Roble) of the department of Sucre, Colombia. Thirty specimens were collected by locality and the diet composition was determined. We characterized the phenotypic variation by means of skull geometric morphometrics and ten body measures. Finally, the relationship between morphometric variables (shape and size) and diet were evaluated. We found significant differences between skull conformation and localities, and between localities and the centroid size. Termites were the most important type of prey, followed by ants and mites. The diet composition did not correlate with the body measures; however, an analysis of Partial Least-Squares showed a correlation between the composition of the diet and skull conformation.

Keywords
intraspecific variation; shape; procrustes; covariation

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