

Unearthing the names of burrowing frogs: The taxonomic status of the Chacoan populations of *Leptodactylus fuscus* (Schneider, 1799) (Anura: Leptodactylidae)

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Figures S1–S4

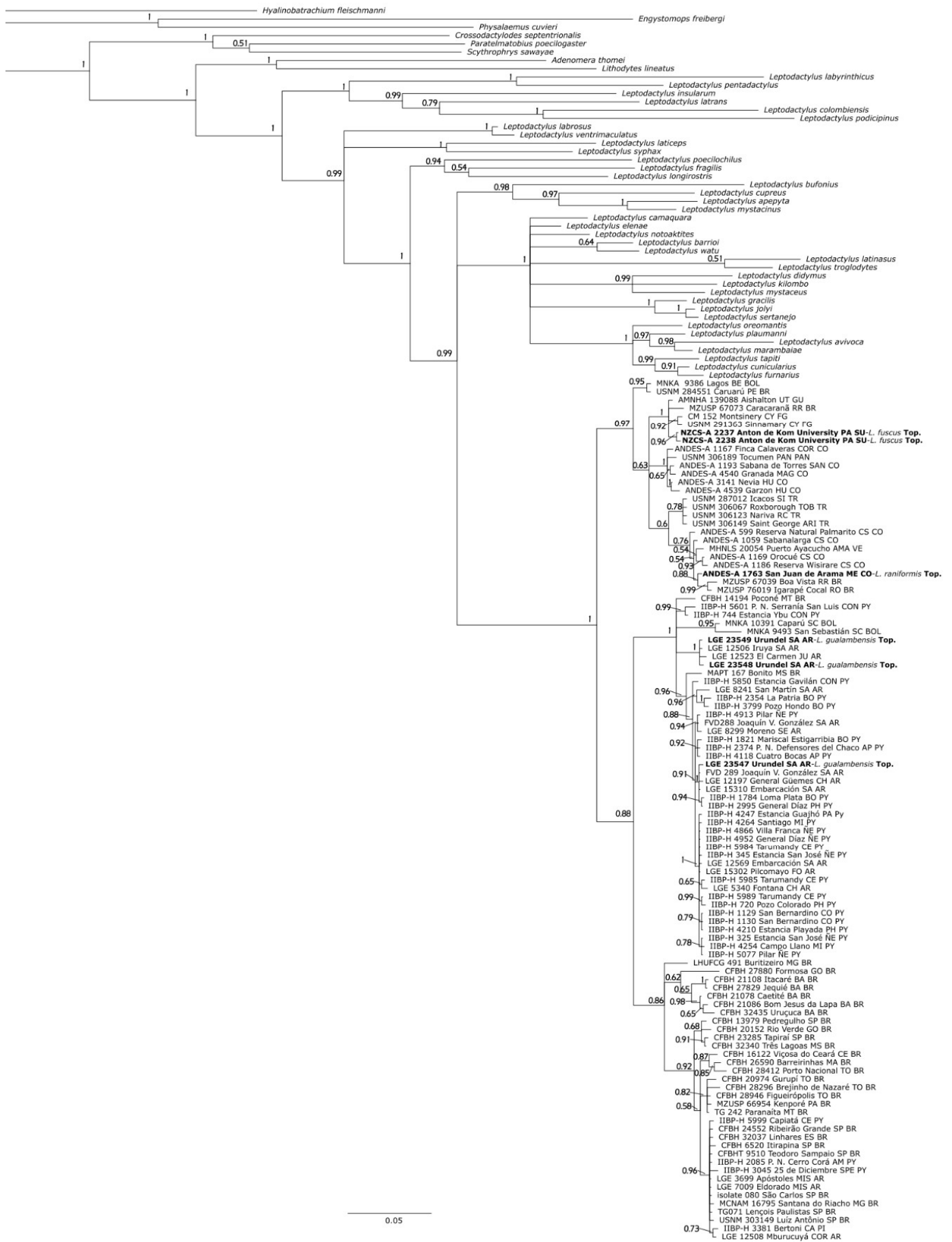


Figure S1. Bayesian inference tree. The 50% majority rule consensus tree of concatenated mitochondrial fragments (16S ribosomal RNA [16S] and cytochrome c oxidase subunit 1 [CO1]). Values above nodes are BI posterior probabilities. Country abbreviations: AR (Argentina), BOL (Bolivia), BR (Brazil), Colombia (CO), French Guiana (FG), Guyana (GU), PAN (Panamá), PY (Paraguay), SU (Suriname), TR (Trinidad and Tobago), VE (Venezuela).



Figure S2. Maximum parsimony tree. Strict consensus tree of concatenated mitochondrial fragments (16S ribosomal RNA [16S] and cytochrome c oxidase subunit 1 [COI]), considering gaps as fifth state. Values above nodes are bootstrap support. Country abbreviations: AR (Argentina), BOL (Bolivia), BR (Brazil), Colombia (CO), French Guiana (FG), Guyana (GU), PAN (Panamá), PY (Paraguay), SU (Suriname), TR (Trinidad and Tobago), VE (Venezuela).

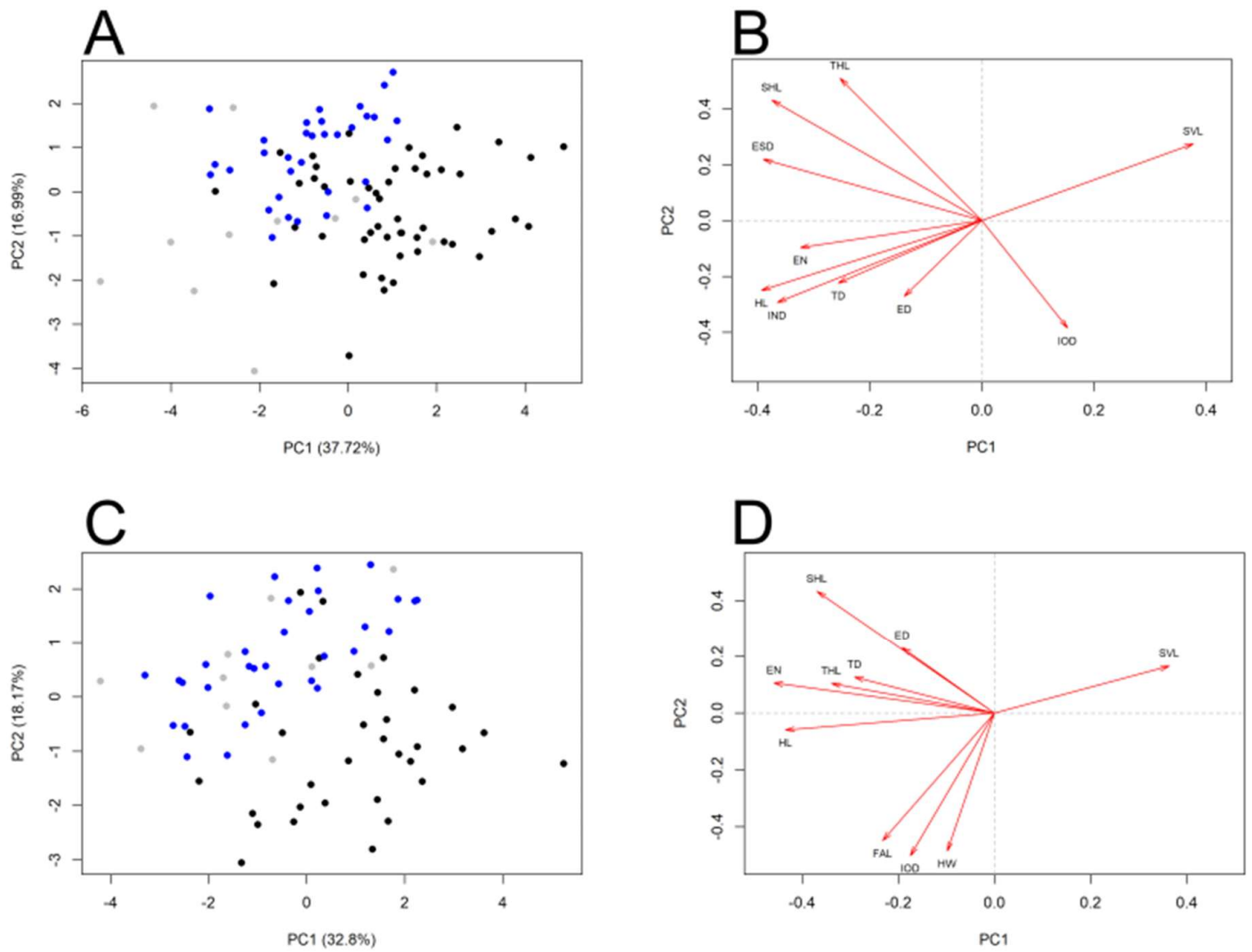


Figure S3. Principal Component Analysis (PCA) based on morphometric measurements. **A** scatterplots of individual male specimens in the space defined by the first two principal components **B** loadings of morphometric variables on the first two principal components for males, indicating their relative contribution to the observed variation **C** scatterplots of individual female specimens in the space defined by the first two principal components **D** loadings of morphometric variables on the first two principal components for females, indicating their relative contribution to the observed variation. SVL = snout–vent length; HL = head length; HW = head width; TD = tympanum diameter; ED = eye diameter; IOD = interorbital distance; EN = eye–nostril distance; IND = internostril distance; ESD = eye–snout distance; FAL = forearm length; THL = thigh length; SHL = shank length. Colors indicate mitochondrial *Leptodactylus fuscus* clades: gray = *L. fuscus* clade 1, black = *L. fuscus* clade 2, blue = *L. fuscus* clade 3.



Figure S4. Holotype of *Leptodactylus raniformis* (ZFMK 28484). **A** ventral view of the body **B** dorsal view of the body **C** lateral view of the head **D** ventral view of the feet **E** ventral view of the hand. Scale bars: 10 mm (**A**, **B**); 5 mm (**C**, **D**).