

SUPPLEMENTARY MATERIAL

Figure S1

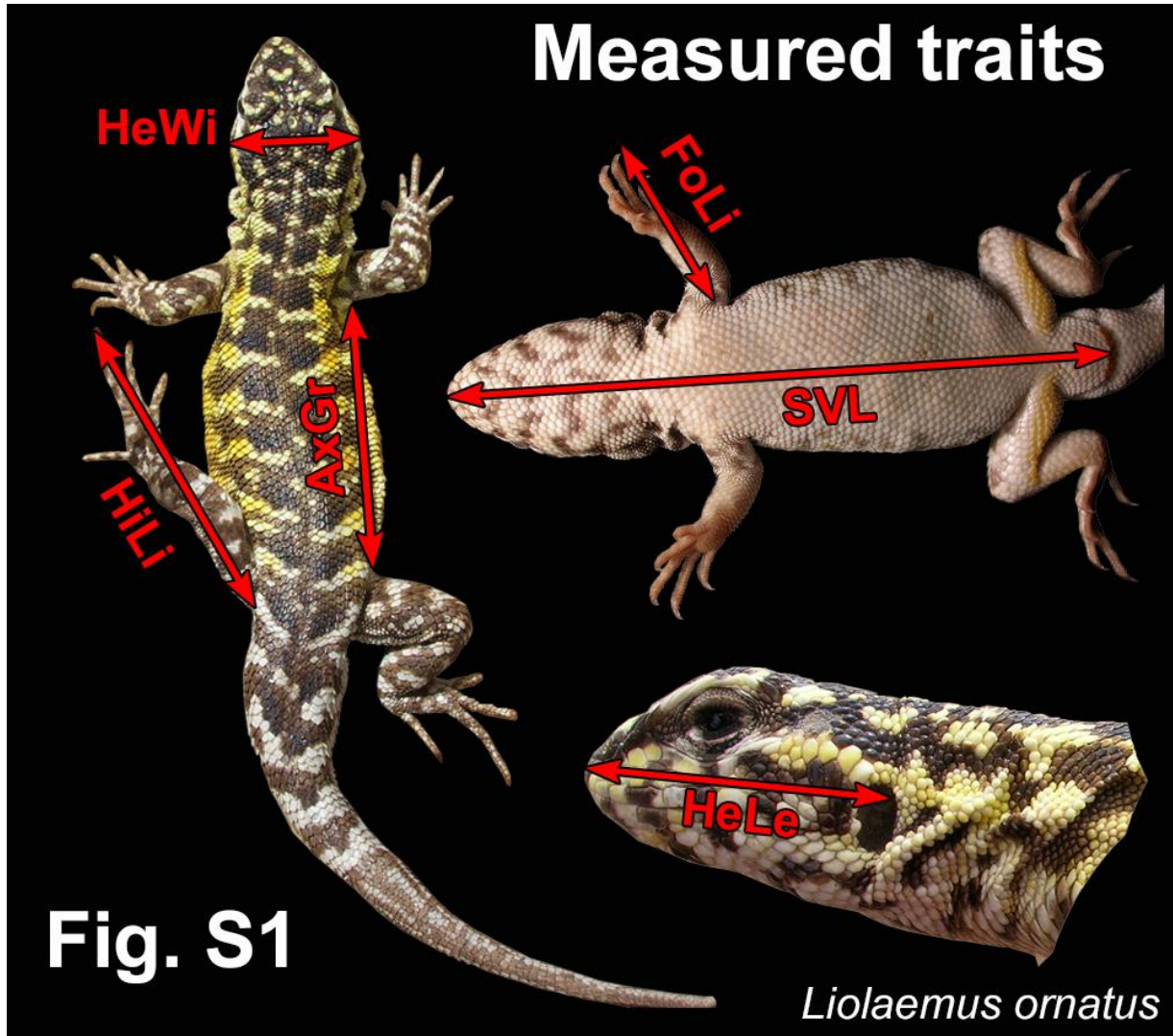


Figure S1. Standard morphological measurements analyzed in this study, obtained by one of us (DPD), and complemented with information published in the species descriptions. Where SVL is snout-vent length, HeLe head length, HeWi head width, FoLi forelimbs, HiLi hindlimbs length, DiLi length difference between limbs, and AxGr axilla-groin length.

Figure S2

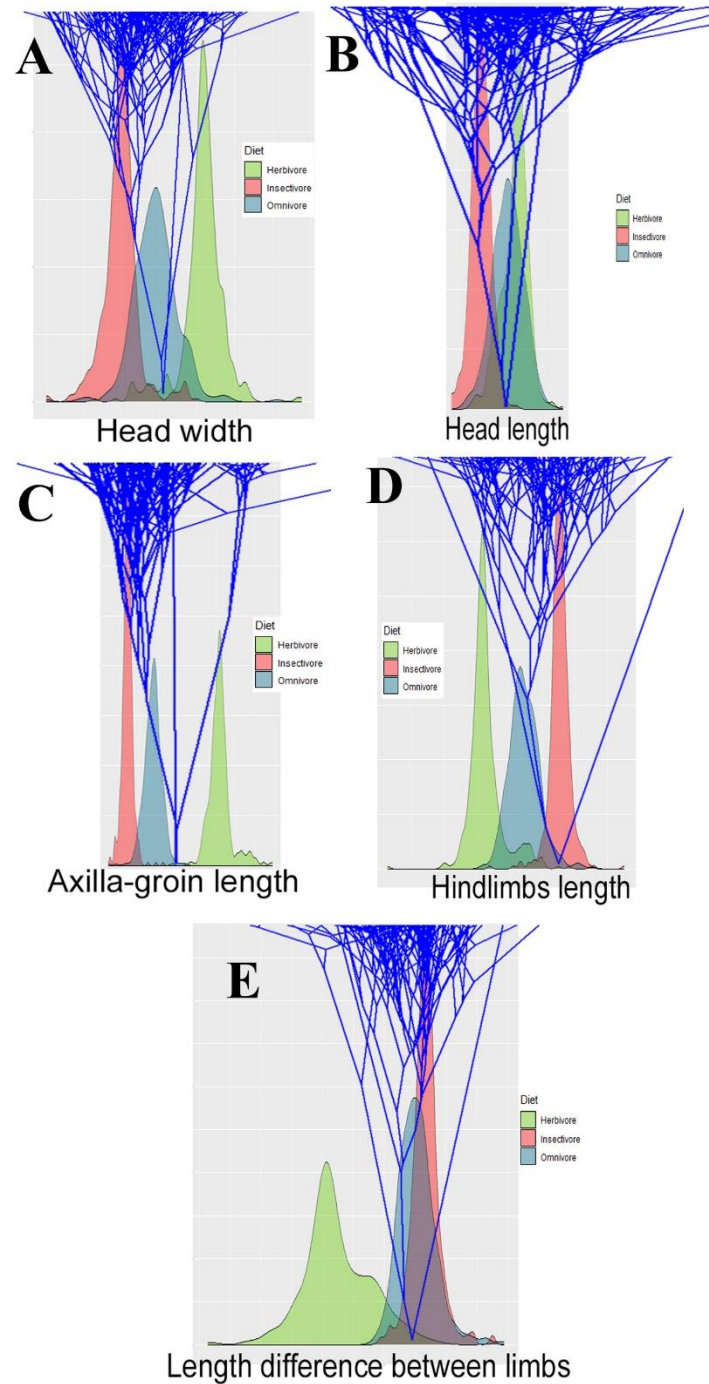


Figure S2. Ancestral reconstruction of traits that showed different evolutionary optima, where traits A, B, and E, the common ancestor presents values very close to omnivorous evolutionary optima, C is not very close but still falls within the range, while trait D, the common ancestor has more affinity with the evolutionary optimum of insectivores.

Institutions visited

The specimens used in this study were collected from the following institutional collections: Museo Nacional de Historia Natural, Chile (MNHN); Zoological Museum, Universidad de Concepcion, Chile (MZUC-UCCC); Museo de Historia Natural de Concepcion, Chile (MHNC); Department of Cell Biology and Genetics, Universidad de Chile (DBCGRUCH); Centro Regional de Investigación y Desarrollo Sustentable de Atacama, Copiapó, Chile (CRIDESAT); Universidad Nacional del Comahue, Neuquén, Argentina (UNComahue); Instituto de Biología Animal, Universidad Nacional de Cuyo, Argentina (IBAUNC); Instituto Argentino de Investigaciones de las Zonas Áridas, Argentina (IADIZA); Colección Herpetológica Reptiles Luciano Avila and Mariana Morando, Centro Nacional Patagónico, Puerto Madryn, Argentina (LJAMM-CNP); Museo Argentino de Ciencias Naturales Bernardino Rivadavia, Buenos Aires, Argentina (MACN); Museo de La Plata, Argentina (MLPlata); Herpetological Collection, Centro Nacional Patagónico, Puerto Madryn, Argentina (CNP); Zoologisches Museum der Humboldt Universität, Berlin (ZMHU); Natural History Museum of Vienna, Austria (NHMVienna); Museo Regionale di Scienze Naturali di Torino, Italy (MRSN); Museum of Comparative Zoology, Harvard University (MCZ); Natural History Museum of Los Angeles, California (LACM); Carmagnola Natural History Museum, Carmagnola, Italy (MCSNC); Natural History Museum of London (NHML); Museum National d'Histoire Naturelle, Paris (MNHN); J. M. Cei Diagnostic Collection (JMC-DC); J. A. Scolaro Collection (JAS-DC); the Herpetological Collection of D. Pincheira-Donoso (CHDPD).