

**Sexual dimorphism and interspecific head variation in the *Liolaemus melanops* complex
(Squamata: Liolaemini) based on geometric morphometrics**

by
Ignacio Minoli, Mariana Morando & Luciano Javier Avila

Appendix 1. Specimens examined with voucher numbers, species name, province and geographical coordinates used in this study. All individuals are catalogued in the Centro Nacional Patagónico Herpetological collection (LJAMM-CNP), Puerto Madryn, Chubut, Argentina.

Specimen	Species	Province	Latitude	Longitude
LJAMM-CNP 12365, 12371, 12372, 12373, 12374, 12375, 12376, 12377, 12378	<i>Liolaemus canqueli</i>	Chubut	43°55'50.6"S	68°55'57"W
LJAMM-CNP 12357, 12358, 12359	<i>Liolaemus canqueli</i>	Chubut	43°53'29.8"S	68°58'28.8"W
LJAMM-CNP 12360, 12361	<i>Liolaemus canqueli</i>	Chubut	43°53'29.8"S	68°58'28.8"W
LJAMM-CNP 9106, 9107, 9108, 9102, 9103, 9104, 9105	<i>Liolaemus canqueli</i>	Chubut	43°60'40.3"S	69°09'00.5"W
LJAMM-CNP 8665, 8666	<i>Liolaemus casamiquelai</i>	Río Negro	41°04'01.4"S	68°23'53.6"W
LJAMM-CNP 8667, 8668, 8669, 8670, 8671, 8672, 8675, 8676	<i>Liolaemus casamiquelai</i>	Río Negro	41°04'01.4"S	68°23'53.6"W
LJAMM-CNP 2977, 2979, 2980, 2986, 4878	<i>Liolaemus casamiquelai</i>	Río Negro	41°10'01.2"S	68°30'23"W
LJAMM-CNP 11207, 11208, 11209, 11210, 11211, 11212, 11213, 11214, 11215, 11216, 11217, 11218, 11342, 11343	<i>Liolaemus dumerili</i>	Río Negro	40°36'49.5"S	67°45'38.1"W
LJAMM-CNP 5199, 5200, 5201	<i>Liolaemus goetschi</i>	Río Negro	38°42'23.61"S	67°32'12.14"W
LJAMM-CNP 8235, 13714, 13715, 13764, 13765, 13766, 13767, 13768, 13769, 13770, 13771, 13772, 13773, 13775, 13776, 13777	<i>Liolaemus goetschi</i>	Río Negro	38°50'60"S	67°35'59.9"W
LJAMM-CNP 4567, 4568, 4570	<i>Liolaemus martorii</i>	Río Negro	40°49'25.3"S	65°07'35.5"W
LJAMM-CNP 11724, 11725	<i>Liolaemus martorii</i>	Río Negro	40°50'40.6"S	65°07'35.5"W
LJAMM-CNP 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2570, 2571, 2669, 2670	<i>Liolaemus martorii</i>	Río Negro	40°50'26"S	65°07'04"W

Specimen	Species	Province	Latitude	Longitude
LJAMM-CNP 13216, 13217, 13550, 13551, 13552, 13553, 13554, 13555, 13556, 13557, 13559, 13560, 13561, 13562, 13567, 13568, 14141	<i>Liolaemus melanops</i>	Chubut	38°50'60"S	66°20'00.9"W
LJAMM-CNP 2934, 2939, 2940, 2941	<i>Liolaemus melanops</i>	Chubut	42°14'38.8"S	66°22'41.6"W
LJAMM-CNP 14267, 14268, 14269, 14270, 14271, 14272, 14273	<i>Liolaemus morenoi</i>	Neuquén	40°16'10.4"S	70°38'04"W
LJAMM-CNP 11246, 11247, 11391, 11392	<i>Liolaemus morenoi</i>	Neuquén	40°17'05.2"S	70°38'16.9"W
LJAMM-CNP 6477, 6478	<i>Liolaemus morenoi</i>	Neuquén	40°17'05.6"S	70°38'17"W

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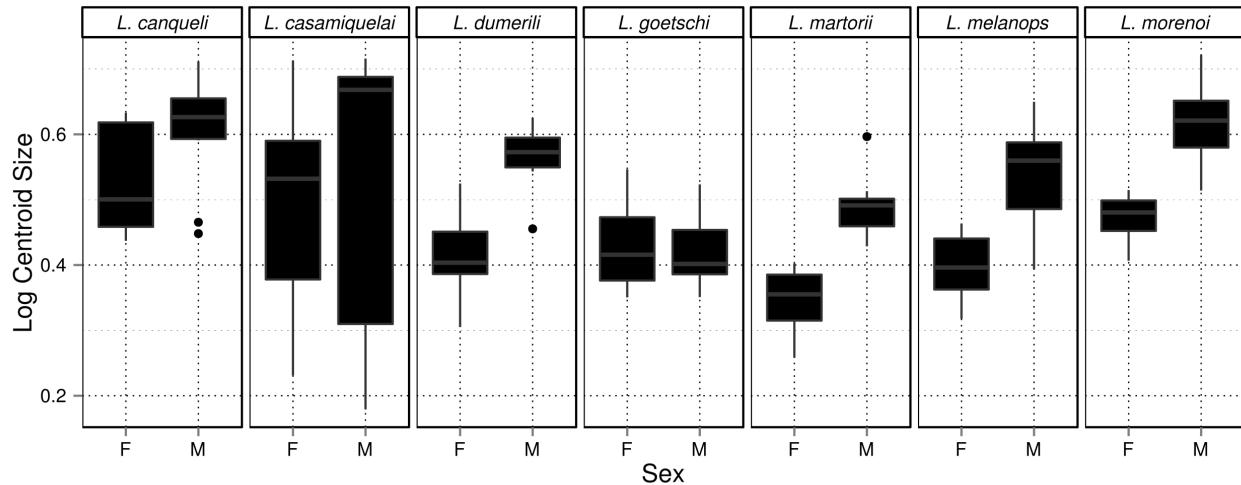


Fig. S1. Boxplot of LCS of differences between sexes per species. References: F) females, M) males.

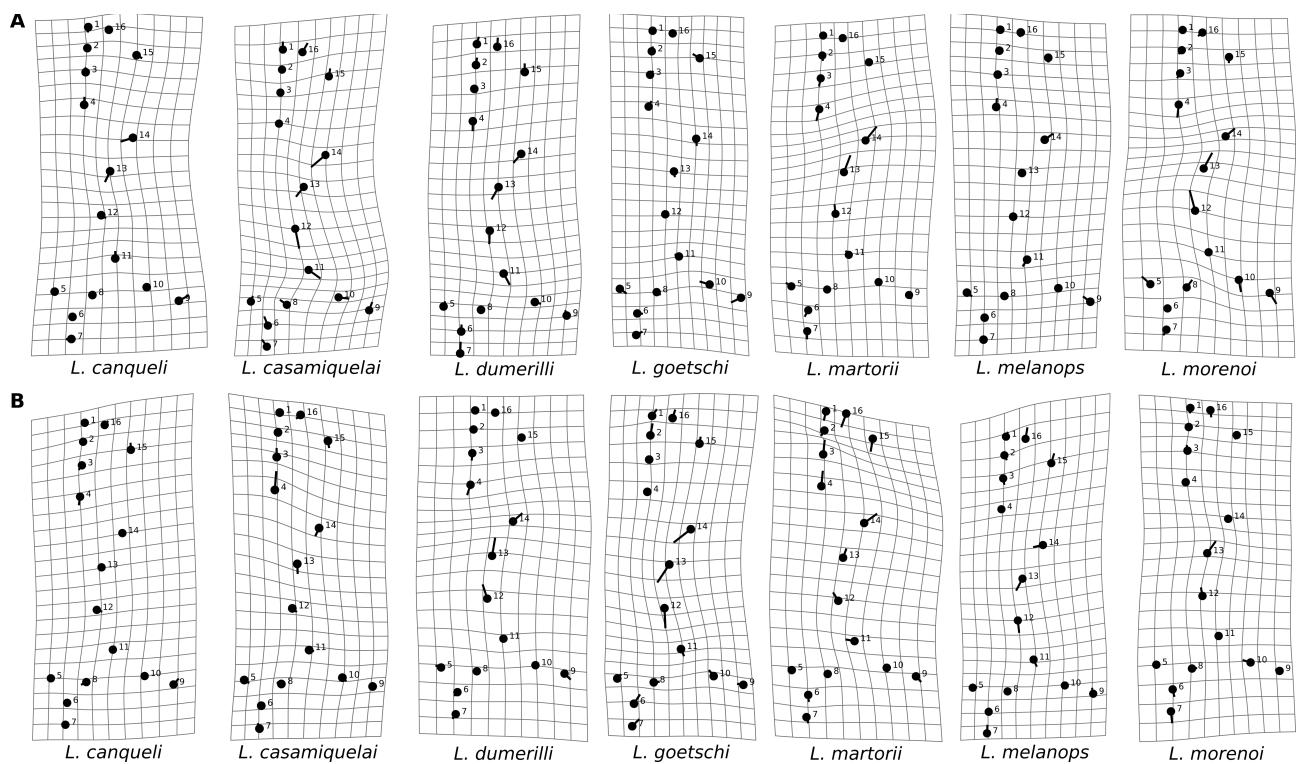


Fig. S2. Deformation grid representing averaged shape for each species and both sexes. References: A) females and B) males.

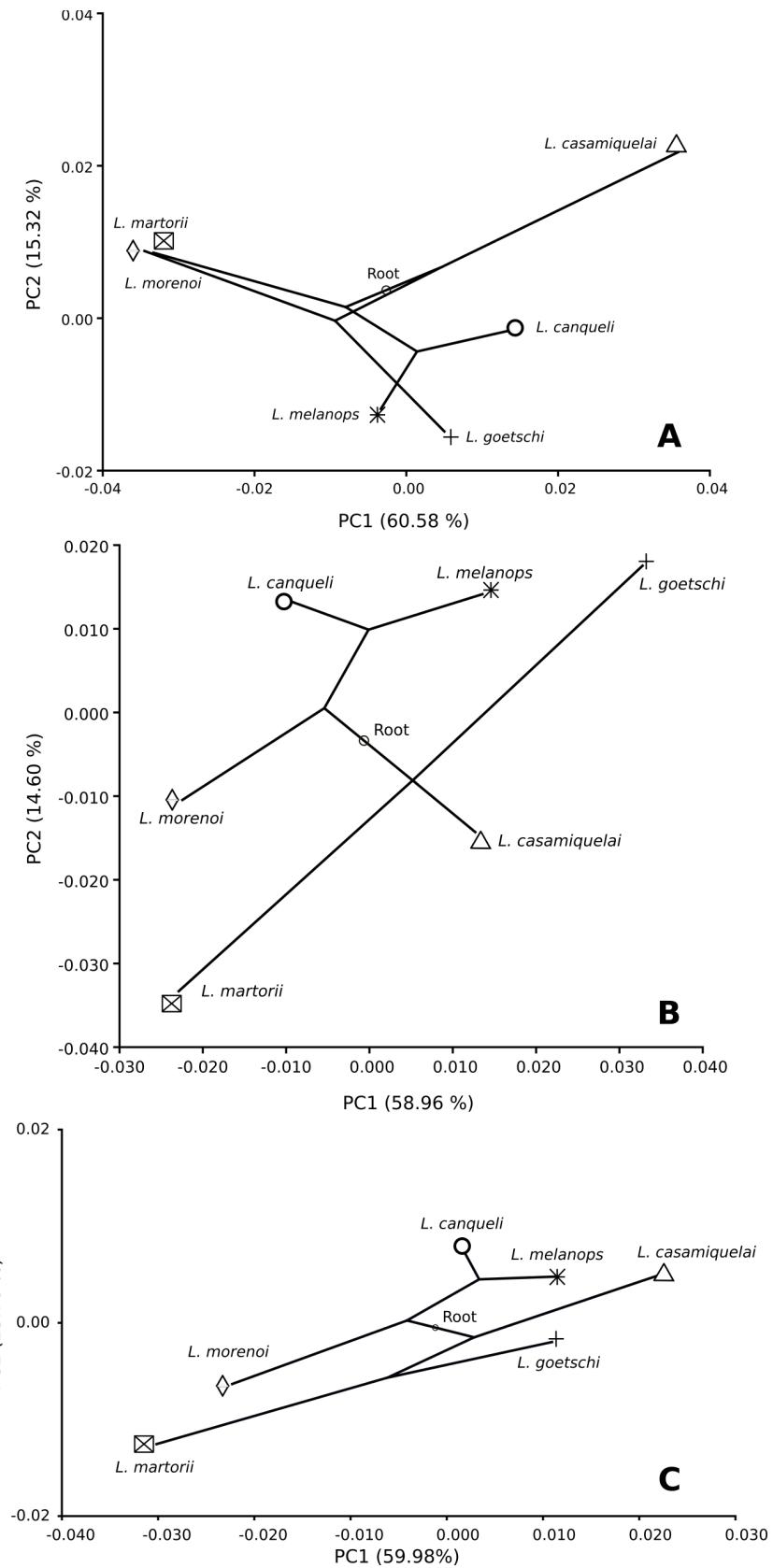


Fig. S3. PCA from the phylogenetic signal test. References: A) females, B) males and C) both sexes.