

Table S4: The contributions of each variable used in ecological niche models for each individual species using the permutation importance percentage. BIO2 – mean diurnal temperature range; BIO3 – isothermality; BIO4 – temperature seasonality; BIO11 – mean temperature of the coldest three months; BIO12 – annual precipitation; BIO15 – precipitation seasonality.

Species	BIO2	BIO3	BIO4	BIO11	BIO12	BIO15	Geology	Vegetation
<i>Afroedura pienaari</i>	23.32	0.00	10.44	0.00	25.77	0.00	31.61	8.86
<i>Chondrodactylus turneri</i>	0.73	0.00	0.00	13.41	71.88	0.00	2.19	11.77
<i>Cordylus vittifer</i>	0.00	0.00	0.00	0.00	53.63	45.28	1.09	0.00
<i>Lygodactylus incognitus</i>	0.00	0.00	0.00	96.69	0.00	0.00	0.64	2.67
<i>Lygodactylus soutpansbergensis</i>	1.59	0.00	0.00	97.49	0.00	0.00	0.72	0.20
<i>Platysaurus intermedius</i>	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00
<i>Platysaurus relictus</i>	2.69	0.33	3.02	37.47	38.54	0.07	16.13	1.76
<i>Smaug depressus</i>	26.71	0.00	0.00	11.57	12.08	15.26	27.63	6.75
<i>Trachylepis margaritifera</i>	26.12	0.00	0.09	0.00	8.54	4.12	13.51	47.63
<i>Trachylepis punctatissima</i>	0.00	0.00	0.00	0.00	0.00	97.07	1.30	1.63
<i>Vhembelacerta rupicola</i>	0.00	0.00	0.00	63.88	0.00	18.31	7.42	10.39