

These are electronic appendices to the paper by Carranza *et al.* 2001 Parallel gigantism and complex colonization patterns in the Cape Verde scincid lizards *Mabuya* and *Macroscincus* (Reptilia: Scincidae) revealed by mitochondrial DNA sequences. *Proc. R. Soc. Lond. B* **268**, 1595—1603. (DOI 10.1098/rspb.2001.1699.)

Electronic appendices are refereed with the text. However, no attempt is made to impose a uniform editorial style on the electronic appendices.

ELECTRONIC APPENDIX A

Details of material and sequences used in the present study. Localities are shown in figure 1 of the publication by working numbers of samples (M1, M2, etc...).

(Note: BMNH– prefixes the accession numbers of voucher specimens deposited in the Natural History Museum, London. DBULPGC- prefixes the accession numbers of voucher specimens deposited in the Department of Biology, University of Gran Canaria, Canary Islands, Spain. COI is an abbreviation of cytochrome oxidase I.

Species	Location on Fig1	Locality	Museum number	GenBank accession numbers 12S rRNA / Cytochrome <i>b</i> / COI
Family Scincidae				
Subfamily Scincinae				
<i>Scincus mitranus</i>	----	United Arab Emirates		AF280120 / AF280131
Subfamily Chalcidinae				
<i>Amphiglossus igneocaudatus</i>	----	Toliaria, Amboasary, Madagascar		AF280114 / AF280125
<i>Pamelascincus gardineri</i>	----	Silhouette, Seychelles		AF280117 / AF280128
<i>Androngo trivittatus</i>	----	Toliaria, Amboasary, Madagascar		AF280115 / AF280126
<i>Gongylomorphus fontenayi</i>	----	Mare Longue, SW Mauritius		AF280121 / AF280132
Subfamily Lygosominae				
<i>Cyclodomorphus casuarinae</i>	----	Tasmania		AF280118 / AF280129
<i>Egernia whitii</i>	----	Tasmania		AF280119 / AF280130
<i>Cryptoblepharus boutoni</i>	----	Gabriel Island, Mauritius		AF280116 / AF280127
<i>Leiopisma telfairi</i>	----	Round Island, Mauritius		AF280122 / AF280133
Genus <i>Macroscincus</i>				
Cape Verde				
<i>Macroscincus coctei</i>	M241	Branco or Razo	BMNH91.9.24.1	AF280182 / AF280314 / AF280248
<i>Macroscincus coctei</i>	M242	Branco or Razo	BMNH91.9.24.2	AF280181 / AF280313 / AF280247
Genus <i>Mabuya</i>				
Mainland Africa				
<i>M. maculabris maculabris</i>	M70	Momane Swamp, N. Mozambique		AF280137 / AF280269 / AF280203
<i>M. maculabris casuarinae</i>	M71	Fogo I., Mozambique		AF280138 / AF280270 / AF280204
<i>M. margaritifera</i>	M69	Malema, Mozambique		AF280136 / AF280268 / AF280202
<i>M. capensis</i>	M72	Kouga Mts. E. Cape, South Africa		AF280139 / AF280271 / AF280205
Seychelles				
<i>M. seychellensis</i>	M1	Mahé, Seychelles		AF280123 / AF280134
<i>M. wrightii</i>	M2	Fregate Island, Seychelles		AF280124 / AF280135
Socotra				
<i>M. socotranus</i>	M73	Socotra I. Yemen		AF280140 / AF280272 / AF280206
<i>M. socotranus</i>	M74	Socotra I. Yemen		AF280141 / AF280273 / AF280207
Cape Verde				
<i>M. vaillanti</i>	M23	Cova Figueira, Fogo	BMNH200.8	AF280196 / AF280328 / AF280262
<i>M. vaillanti</i>	M48	Atalaia, Fogo	DBULPGC-100	AF280197 / AF280329 / AF280263

<i>M. vaillanti</i>	M49	Feijoal, Fogo	BMNH2000.9	AF280198 / AF280330 / AF280264
<i>M. vaillanti</i>	M51	Santa Cruz, Santiago	DBULPGC-1001	AF280200 / AF280332 / AF280266
<i>M. vaillanti</i>	M50	Santa Cruz, Santiago	BMNH2000.10	AF280199 / AF280331 / AF280265
<i>M. vaillanti</i>	M52	Santa Cruz, Santiago	BMNH2000.11	AF280201 / AF280333 / AF280267
<i>M. delalandii</i>	M67	Serra Malagueta, Santiago	BMNH2000.12	AF280188 / AF280320 / AF280254
<i>M. delalandii</i>	M20	Chao Bom, Santiago	DBULPGC-102	AF280186 / AF280318 / AF280252
<i>M. delalandii</i>	M47	Tarrafal, Santiago	BMNH2000.13	AF280187 / AF280319 / AF280253
<i>M. delalandii</i>	M68	Picos, Santiago	BMNH2000.14	AF280189 / AF280321 / AF280255
<i>M. delalandii</i>	M40	Ilheu Grande, Rombos	DBULPGC-103	AF280192 / AF280324 / AF280258
<i>M. delalandii</i>	M21	Ilheu Grande, Rombos	BMNH2000.15	AF280190 / AF280322 / AF280256
<i>M. delalandii</i>	M39	Ilheu Grande, Rombos	BMNH2000.16	AF280191 / AF280323 / AF280257
<i>M. delalandii</i>	M19	Mosteiros, Fogo	BMNH2000.17	AF280183 / AF280315 / AF280249
<i>M. delalandii</i>	M38	Mosteiros, Fogo	DBULPGC-104	AF280184 / AF280316 / AF280250
<i>M. delalandii</i>	M45	Chã das caldeiras, Fogo	BMNH2000.18	AF280185 / AF280317 / AF280251
<i>M. delalandii</i>	M41	Furna, Brava	BMNH2000.19	AF280194 / AF280326 / AF280260
<i>M. delalandii</i>	M22	Cachaço, Brava	DBULPGC-105	AF280193 / AF280325 / AF280259
<i>M. delalandii</i>	M42	Cachaço, Brava	BMNH2000.20	AF280195 / AF280327 / AF280261
<i>M. fogoensis nicolauensis</i>	M34	Cachaço, Saõ Nicolau	BMNH2000.21	AF280173 / AF280305 / AF280239
<i>M. fogoensis nicolauensis</i>	M17	Faro de Barril, Saõ Nicolau	DBULPGC-106	AF280172 / AF280304 / AF280238
<i>M. fogoensis nicolauensis</i>	M35	Faro de Barril, Saõ Nicolau	BMNH2000.22	AF280174 / AF280306 / AF280240
<i>M. fogoensis antaoensis</i>	M63	Ribeira da Cruz, Santo Antão	BMNH2000.23	AF280179 / AF280311 / AF280245
<i>M. fogoensis antaoensis</i>	M58	Chã de Lagoa, Santo Antão	DBULPGC-107	AF280175 / AF280307 / AF280241
<i>M. fogoensis antaoensis</i>	M59	Chã de Lagoa, Santo Antão	BMNH2000.24	AF280176 / AF280308 / AF280242
<i>M. fogoensis antaoensis</i>	M62	Ponta do Brejo, Santo Antão	DBULPGC-108	AF280178 / AF280310 / AF280244
<i>M. fogoensis antaoensis</i>	M60	Chã de Lagoa, Santo Antão	BMNH2000.25	AF280177 / AF280309 / AF280243
<i>M. fogoensis antaoensis</i>	M64	Dogoi, Santo Antão	BMNH2000.26	AF280180 / AF280312 / AF280246
<i>M. stangeri</i>	M18	Calhau, São Vicente	BMNH2000.27	AF280169 / AF280301 / AF280235
<i>M. stangeri</i>	M44	Calhau, São Vicente	DBULPGC-109	AF280167 / AF280299 / AF280233
<i>M. stangeri</i>	M16	Calhau, São Vicente	BMNH2000.28	AF280168 / AF280300 / AF280234
<i>M. stangeri</i>	M65	Branco	DBULPGC-110	AF280170 / AF280302 / AF280236
<i>M. stangeri</i>	M66	Branco	BMNH2000.29	AF280171 / AF280303 / AF280237
<i>M. stangeri</i>	M15	Santa Luzia	DBULPGC-111	AF280165 / AF280297 / AF280231
<i>M. stangeri</i>	M33	Santa Luzia	BMNH2000.30	AF280166 / AF280298 / AF280232
<i>M. stangeri</i>	M32	Razo	DBULPGC-112	AF280164 / AF280296 / AF280230
<i>M. stangeri</i>	M13	Razo	BMNH2000.31	AF280162 / AF280294 / AF280228
<i>M. stangeri</i>	M31	Razo	BMNH2000.32	AF280163 / AF280295 / AF280229
<i>M. spinalis maioensis</i>	M54	Praia Preta, Maio	BMNH2000.33	AF280160 / AF280292 / AF280226
<i>M. spinalis maioensis</i>	M53	Morrinho, Maio	DBULPGC-113	AF280159 / AF280291 / AF280225
<i>M. spinalis maioensis</i>	M55	Santo Antonio, Maio	BMNH2000.34	AF280161 / AF280293 / AF280227
<i>M. spinalis spinalis</i>	M28	Chão Bom, Santiago	BMNH2000.35	AF280147 / AF280279 / AF280213
<i>M. spinalis spinalis</i>	M11	Chão Bom, Santiago	DBULPGC-114	AF280146 / AF280278 / AF280212
<i>M. spinalis spinalis</i>	M43	Tarrafal, Santiago	BMNH2000.36	AF280148 / AF280280 / AF280214
<i>M. spinalis spinalis</i>	M29	Ilheu de Santa Maria, Santiago	BMNH2000.37	AF280149 / AF280281 / AF280215
<i>M. spinalis spinalis</i>	M30	Ilheu de Santa Maria, Santiago	DBULPGC-115	AF280150 / AF280282 / AF280216
<i>M. spinalis spinalis</i>	M12	Ilheu de Santa Maria, Santiago	BMNH2000.38	AF280151 / AF280283 / AF280217
<i>M. spinalis spinalis</i>	M76	Lomba, Fogo	BMNH2000.39	AF280157 / AF280289 / AF280223
<i>M. spinalis spinalis</i>	M77	Lomba, Fogo	BMNH2000.40	AF280158 / AF280290 / AF280224
<i>M. spinalis spinalis</i>	M37	7 Km N of Achada Furna, Fogo	DBULPGC-116	AF280155 / AF280287 / AF280221
<i>M. spinalis spinalis</i>	M36	7 Km N of Achada Furna, Fogo	BMNH2000.41	AF280154 / AF280286 / AF280220
<i>M. spinalis spinalis</i>	M14	7 Km N of Achada Furna, Fogo	BMNH2000.42	AF280156 / AF280288 / AF280222
<i>M. spinalis salensis</i>	M9	Buracona, Sal	DBULPGC-117	AF280152 / AF280284 / AF280218
<i>M. spinalis salensis</i>	M25	Pedra Lume, Sal	BMNH2000.43	AF280153 / AF280285 / AF280219
<i>M. spinalis salensis</i>	M26	Sal Rei, Boavista	BMNH2000.44	AF280143 / AF280275 / AF280209
<i>M. spinalis salensis</i>	M27	Curral Velho, Boavista	BMNH2000.45	AF280144 / AF280276 / AF280210
<i>M. spinalis salensis</i>	M10	Ilheu de Sal Rei, Boavista	DBULPGC-118	AF280142 / AF280274 / AF280208
<i>M. spinalis salensis</i>	M57	Ilheu Curral Velho, Boavista	BMNH2000.46	AF280145 / AF280277 / AF280211

ELECTRONIC APPENDIX B

Observed number of transitions (Ts) and transversions (Tv) plotted against uncorrected distances for the 12S rRNA, cytochrome *b* and cytochrome oxidase I genes and the two data sets of the trees of figure 2 (data set 1) and figure 3 (data set 2). A, 12S rRNA Ts and Tv for data set 1; B, cytochrome *b* third codon Ts for data set 1; C, cytochrome *b* third codon Tv for data set 1; D, 12S rRNA Ts and Tv for data set 2; E, cytochrome *b* third codon Ts for data set 2; F, cytochrome *b* third codon Tv for data set 2; G, cytochrome oxidase I third codon Ts for data set 2; H, cytochrome oxidase I third codon Tv for data set 2. The ringed Ts marked with an “a” are those involved in the comparisons between the Cape Verde skinks and the rest of the scincids analyzed in figure 2; marked with a “b” and a “c” are those involved in the comparisons within the Cape Verde skinks.

