Amphibia-Reptilia
Short Note

Cabo Verde giant gecko: how many units for conservation?

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Supplementary material

Appendix 1. Abstract in Portuguese

Tarentola gigas (Bocage 1875) é a maior osga que vive no arquipélago de Cabo Verde. Está subdividida em duas subespécies, uma confinada ao ilhéu Branco, *Tarentola gigas brancoensis* (Schleich 1984), e outra ao ilhéu Raso, *Tarentola gigas gigas* (Bocage 1875). Esses ilhéus foram classificados como Reservas Naturais Integrais e mais estudos sobre as espécies são necessários para delinear medidas de conservação mais assertivas. Assim, este estudo visa integrar pela primeira vez dados genéticos, morfométricos e merísticos para testar se existem diferenças significativas entre estes dois grupos taxonómicos que suportariam a designação subespecífica. Os resultados indicaram que estas são duas subespécies muito próximas, com algumas diferenças visíveis em tamanho e forma, possivelmente relacionadas com a dieta, as condições do habitat ou a deriva. Dado o estatuto de conservação da espécie, tal deve ser investigado mais a fundo, visando uma gestão adequada dessas duas unidades significativas a nível evolutivo.

Table S1. Details of the specimens used in this study. The DNA and field codes, taxa (*Tgb*, *Tarentola gigas brancoensis*; Tgg, *Tarentola gigas gigas*), islet, coordinate values (WGS84, decimal degrees), sex (M, male; F, female), and values of the morphometric variables (SVL, snout-vent length; HL, head length, HW, head width; E-E, eye-ear distance; E-S, snout-eye distance; EW, ear width; and EL, ear length) of each specimen are given.

DNA code	Field code	Taxa	Islet	Latitude	Longitude	Sex	SVL	HL	HW	E-E	E-S	EH	EW
br02	0E03001C14	*Tgb*	Branco	16.6492	-24.6632	F	86.00	24.24	15.32	8.56	22.70	3.13	1.67
br04	0E03000A24	*Tgb*	Branco	16.6484	-24.6594	F	83.00	25.07	15.53	8.08	23.92	2.83	1.70
br01	0E03000CA0	*Tgb*	Branco	16.6462	-24.6574	F	87.00	25.53	15.29	9.08	24.18	2.25	1.87
br06	0E03000F09	*Tgb*	Branco	16.6507	-24.6661	F	84.00	26.65	17.36	8.65	24.31	3.38	1.94
br08	0E03001244	*Tgb*	Branco	16.6492	-24.6632	F	95.00	27.86	17.84	10.20	26.42	3.80	1.30
br05	0E0300119A	*Tgb*	Branco	16.6492	-24.6632	F	93.00	27.30	16.87	10.10	24.12	3.88	1.14
	0E03000C24	*Tgb*	Branco	16.6484	-24.6601	F	87.00	26.41		9.15	24.03	3.45	1.51
	0E03000D95	*Tgb*	Branco	16.6484	-24.6601	F	91.00	26.58	15.09	8.68	25.89	3.86	2.30
	0E03000CF9	*Tgb*	Branco	16.6494	-24.6645	F	92.00	25.10	16.92	8.30	23.40	4.64	1.76
	0E03000D56	*Tgb*	Branco	16.6494	-24.6645	F	85.00	26.41	12.62	9.63	24.22	3.92	1.95
	0E03000B1A	*Tgb*	Branco	16.6492	-24.6644	F	81.00	24.39	13.88	8.78	22.92	2.77	1.74
	0E03000AE1	*Tgb*	Branco	16.6492	-24.6632	F	105.00	31.11	19.22	11.10	26.93	4.92	1.82
	0E03000D2C	*Tgb*	Branco	16.6492	-24.6645	F	93.00	27.11	14.32	9.15	24.53	3.43	1.46
	0E03000A85	*Tgb*	Branco	16.6492	-24.6645	F	76.00	24.34	14.21	8.49	22.97	3.20	1.42
	0E0300177F	*Tgb*	Branco	16.6492	-24.6645	F	85.00	24.51	13.77	9.27	22.33	3.57	1.62
br07	0E03000D12	*Tgb*	Branco	16.6480	-24.6594	M	87.00	25.52	13.40	8.47	23.71	3.35	0.96
br03	Tgb.17.22	*Tgb*	Branco	16.6492	-24.6632	M	93.00	27.64	17.14	9.27	25.13	4.01	2.19
	0E030008F1	*Tgb*	Branco	16.6489	-24.6608	M	108.00	30.14	21.17	10.34	27.92	4.52	2.99
	0E03000ADB	*Tgb*	Branco	16.6480	-24.6594	M	105.00	30.15	18.50	10.55	26.77	3.50	0.38
br10	0E03001984	*Tgb*	Branco	16.6492	-24.6632	M	104.00	31.02	19.87	11.28	29.07	4.12	1.58
br09	0E0300095E	*Tgb*	Branco	16.6484	-24.6594	M	107.00	32.80	20.05	11.63	27.05	3.72	1.67
	0E030009DC	*Tgb*	Branco	16.6484	-24.6601	M	114.00	30.35	20.91	10.58	27.71	3.65	1.95
	0E03000FA3	*Tgb*	Branco	16.6484	-24.6601	M	95.00	28.48	16.93	10.47	24.95	3.58	1.49
	0E03000CAC	*Tgb*	Branco	16.6484	-24.6594	M	101.00	30.19	20.87	11.33	27.78	3.72	1.50
	0E03000A0A	*Tgb*	Branco	16.6494	-24.6645	M	106.00	29.78	17.86	9.96	27.50	4.30	2.55
	0E03000A9E	*Tgb*	Branco	16.6494	-24.6645	M	100.00	29.41	18.55	10.22	26.88	3.74	2.14
	0E03000C24	*Tgb*	Branco	16.6484	-24.6601	M	103.00	30.11	17.64	10.33	26.47	4.70	2.10
	0E03000E3F	*Tgb*	Branco	16.6484	-24.6601	M	95.00	26.32	15.32	9.50	24.38	3.54	1.37
	0E03001107	*Tgb*	Branco	16.6494	-24.6645	M	110.00	31.67	17.51	12.45	29.86	3.92	2.15
	0E03000E2D	*Tgb*	Branco	16.6492	-24.6645	M	93.00	27.63	15.36	11.17	25.91	4.05	1.86
ra01	Tgg.C1.18.01	*Tgg*	Raso	16.6106	-24.5926	F	89.00	26.10	17.80	8.10	9.60	2.00	1.40
ra02	Tgg.C1.18.02	*Tgg*	Raso	16.6105	-24.5927	F	104.00	31.90	24.10	9.50	12.50	2.40	1.60
ra03	Tgg.C1.18.03	*Tgg*	Raso	16.6104	-24.5927	F	93.00	29.00	19.90	9.80	12.00	3.20	2.10
ra06	Tgg.E1.18.06	*Tgg*	Raso	16.6102	-24.5837	F	100.00	21.90	19.10	9.50	11.60	4.20	1.60
	Tgg.E1.18.07	*Tgg*	Raso	16.6103	-24.5834	F	99.00	24.00	21.90	9.90	11.20	4.10	2.90
	Tgg.B2.18.10	*Tgg*	Raso	16.6147	-24.5976	F	104.00	23.60	20.50	9.20	12.50	3.30	2.70
	Tgg.C2.18.11	*Tgg*	Raso	16.6145	-24.5883	F	90.00	24.40	17.40	8.60	10.70	3.80	1.70
	Tgg.D2.18.12	*Tgg*	Raso	16.6150	-24.5929	F	96.00	26.50	17.90	9.20	10.60	4.40	1.90
ra07	Tgg.A3.18.14	*Tgg*	Raso	16.6188	-24.6022	F	93.00	29.90	19.90	9.50	11.60	4.60	2.80
	Tgg.A3.18.16	*Tgg*	Raso	16.6186	-24.6022	F	92.00	26.10	19.00	9.20	12.70	3.10	1.50
	Tgg.A3.18.17	*Tgg*	Raso	16.6193	-24.5926	F	99.00	25.60	18.80	9.00	10.20	3.60	2.10
	Tgg.B1.18.41	*Tgg*	Raso	16.6121	-24.5997	F	100.00	30.90	21.90	8.80	11.80	4.30	2.80
	Tgg.B1.18.45	*Tgg*	Raso	16.6120	-24.5597	F	108.00	32.80	24.30	10.10	12.90	3.60	1.20
	Tgg.B1.18.49	*Tgg*	Raso	16.6122	-24.5998	F	108.00	31.30	20.10	10.20	12.40	3.50	1.30
	Tgg.B1.18.52	*Tgg*	Raso	16.6104	-24.5995	F	102.00	30.80	22.60	10.20	12.80	4.40	1.90
ra04	Tgg.C1.18.04	*Tgg*	Raso	16.6104	-24.5927	M	106.00	33.60	24.00	10.00	13.00	4.00	2.20
ra05	Tgg.D1.18.05	*Tgg*	Raso	16.6101	-24.5885	M	114.00	32.00	29.40	11.70	14.80	4.90	1.60
	Tgg.E1.18.08	*Tgg*	Raso	16.6101	-24.5834	M	100.00	30.00	22.40	10.20	12.60	3.40	2.40
ra08	Tgg.B2.18.09	*Tgg*	Raso	16.6147	-24.5976	M	97.00	27.10	19.40	9.60	11.00	4.30	2.90
	Tgg.E3.18.13	*Tgg*	Raso	16.6188	-24.6022	M	117.00	31.40	24.40	11.00	11.40	4.60	3.00
	Tgg.A3.18.15	*Tgg*	Raso	16.6186	-24.6022	M	105.00	29.30	21.90	10.60	11.60	4.70	2.20
	Tgg.D2.18.37	*Tgg*	Raso	16.6150	-24.5931	M	114.00	31.30	20.80	11.40	12.40	3.30	1.90
	Tgg.C1.18.38	*Tgg*	Raso	16.6139	-24.5978	M	122.00	36.50	26.50	12.20	14.90	4.40	2.80
ra10	Tgg.C3.18.39	*Tgg*	Raso	16.6197	-24.5924	M	97.00	29.50	21.20	8.40	11.90	4.70	2.40
ra09	Tgg.B1.18.42	*Tgg*	Raso	16.6120	-24.5997	M	121.00	34.40	24.30	11.60	14.60	4.40	1.20
	Tgg.B1.18.44	*Tgg*	Raso	16.6121	-24.5998	M	113.00	33.60	21.90	11.60	9.60	4.10	1.80
	Tgg.B1.18.51	*Tgg*	Raso	16.6104	-24.5995	M	121.00	33.90	25.50	13.90	9.20	4.30	1.30
	Tgg.C1.18.56	*Tgg*	Raso	16.6094	-24.5949	M	121.00	32.30	25.70	11.80	12.70	3.40	1.50
	Tgg.C1.18.57	*Tgg*	Raso	16.6090	-24.5960	M	117.00	34.20	25.80	12.80	13.70	3.40	1.20
	Tgg.C1.18.60	*Tgg*	Raso	16.6088	-24.5954	M	122.00	37.80	28.90	12.70	13.80	4.90	1.60

Table S2. Details of the specimens used in this study. The field codes and values of the meristic variables (number of supralabials, SLS, and infralabials, ILS; left, LT, and right, RT, dorsal tubercles; digital lamellae of the 1st to the 5th fingers, of the right, RF1–5, and left front limbs, LF1–5, and of the right, RH1–5, and left hindlimbs, LH1–5) of each specimen are given.

Field code	SLS	ILS	LT	RT	RF1	RF2	RF3	RF4	RF5	LF1	LF2	LF3	LF4	LF5	RH1	RH2	RH3	RH4	RH5	LH1	LH2	LH3	LH4	LH5
0E03001C14	18	14	17	17		17	15	16	16	15	16	16	17	16	14	15	15	16	17	16	16	16	16	16
0E03000A24					19	18	16	16	17	19	18	16	18	17	17	18	15	17	18	16	16	17	17	15
0E03000CA0	18	17	15	14	16	15	18	17	17	14	14	17	16	17	13	13	17	18	16	15	16	18	18	16
0E03000F09	18	14	21	19	14	18	18	18	18	17	17	16	18	17	15	15	17	18	17	18	17	17	17	16
0E03001244			17	14	17	18	15		17	13	16	17	18	15	17	17	15	17	16	19	16	17	16	16
0E0300119A			23	23	17	14	14	16	17	14	17	15	16	15	16	17	16	14	14	15	15	14	15	14
0E03000C24			17	15	15	16	15	15	16	15	15	15	14	17	16	17	13	13	15	14	17	16	17	
0E03000D95			15	15	15	15	15	16	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
0E03000CF9			18	18	18	18	18	18	18	18	18	18	18	18	18	18	16	18	18	18	18	18	18	18
0E03000D56			18	18	18	18	18	16	18	18	18	18	18	18	18	18	17	18	18	18	18	18	18	18
0E03000B1A			14	14	14	14	14	16	14	14	14	14	14	14	14	14	12	14	14	14	14	14	14	14
0E03000AE1			17	17	17	17	17	16	17	17	17	17	17	17	17	17	14	17	17	17	17	17	17	17
0E03000D2C			15	15	15	15	15	16	15	15	15	15	15	15	15	15	14	15	15	15	15	15	15	15
0E03000A85			16	16	16	16	16	17	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
0E0300177F	16	14					15	16	15	16	16	15	15	15	16	17	18	16		16	15	16	16	17
0E03000D12	16	14	19	18	15	16	17	16	15	16	17	16	15	16	17	17	17	15	16	16	16	14	15	14
Tgb.17.22	18	15	20	22	15	15	16	16	16	14	16	15	15	15	15	15	16	16	16	15	16	15		
0E030008F1	16	15	13	12	14	17	17	17	15	17	19	16	16	18	17	17	17	19	16	18	17	18	15	18
0E03000ADB	16	14	23	17		19	18	18	18	19			18	18	16	19	17	16	18	15	17	16	17	19
0E03001984	20	14	20	21						13	14	15	17	13	15	16	15	16	12	13	12			
0E0300095E	16	14	18	18	15	14	15	16	16	14	16	16	17	17		17	16	17	17		16	16	16	16
0E030009DC			18	18	15	16	15	15	16	15	19	17	15	15	16	15			16	13	14	16	15	16
0E03000FA3			20	22	18		15	16	15	17	17	17	15	15	16	17	16	16	16	18	19	17		14
0E03000CAC	17	12	24	19	19	20	17	18	19	20	19	17	18	18	14	17	16	18	18	15	19	17	16	18
0E03000A0A			16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
0E03000A9E			21	21	16	14	16	16	16	15	16	16	16	17		16	16	15	15		17	17	17	15
0E03000C24			16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
0E03000E3F			20		18		15	16	15	17	17	17	15	15	16	17	16	16	16	18	19	17		14
0E03001107			17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
0E03000E2D			16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
Tgg.C1.18.01	15	12	18	17	15	14	15	15	17	15	15	15	17	16	18	16	15	15	16	15	16	16	15	16
Tgg.C1.18.02	17	14	16	16	16	17	17	17	17	17	17	16	17	15	16	15	15	15	17	18	16	15	16	15
Tgg.C1.18.03	16	14	22	20	16	17	15	17	17	17	18	15	17	18	17	19	17	16	15	15	16	15	17	17
Tgg.E1.18.06	18	14	23	20	16	17	15	16	15	17	16	15	17	18	17	17	17	14	16	17	16	17	17	15
Tgg.E1.18.07	17	13	20	20	16	17	15	16	17	17	17	15	17	17	15	16	15	14	16	18	16	15	14	17
Tgg.B2.18.10	16	15	24	26	14	15	15	16	16	16	18	16	15	15	16	16	16	15	16	16	15	15	14	16
Tgg.C2.18.11	17	15	25	24	14	15	13	15	12	15	15	15	16	16	15	15	13	13	13	15	15	15	11	15
Tgg.D2.18.12	19	13	25	25	15	15	15	15	17	17	15	16	15	16	15	15	15	15	17	17	17	17	14	15
Tgg.A3.18.14	17	12	25	25	17	16	19	15	19	17	16	15	15	18	16	16	16	14	14	16	15	17	17	16
Tgg.A3.18.16	17	13	23	21	15	17	16	17	19	17	17	15	16	17	16	16	17	16	17	17	17	16	17	16
Tgg.A3.18.17	17	14	29	28	15	15	14	14	15	16	15	14	16	18	16	15	12	14	14	16	15	15	12	13
Tgg.B1.18.41	16	13	24	21	15	17	16	16	18	15	15	15	15	15	17	15	14	14	16	16	15	15	17	16
Tgg.B1.18.45	18	13	29	29	15	16	16	16	17	17	16	15	16	16	17	18	14	16	15	15	16	16	15	16
Tgg.B1.18.49	18	14	23	22		17	17	17	16	19	17	18	17	16	18	16	16	15	18	16	16	15	17	15
Tgg.B1.18.52	18	13	23	24	17	17	15	16	18	17	17	15	17	15	17	17	18	18	19	17	17	16	16	16
Tgg.C1.18.04	18	14	22	21		14	16	16	16	17	19	16	16	19	17	16	16	17	16	17	18	16	17	16
Tgg.D1.18.05	15	12	19	19	15	17	16	16	19	16	18	16	16	14	16	18	15	15	15	16	18	16	16	15
Tgg.E1.18.08	16	12	19	20	16	17	14	16	16	16	17	17	16	17	16	15	14	15	15	16	16	15	16	17
Tgg.B2.18.09	18	12	24	23	17	17	17	17	16	15	16	17	17	16	16	15	16	16	17	15	15	16	16	15
Tgg.E3.18.13	20	14	26	29	18	17	15	16	17	17	15	15	18	19	18	16	15	15	18	15	18	15	15	15
Tgg.A3.18.15	16	14	27	27	16	15	13	16	16	14	18	16	14	16	17	16	17	13	14	17	17	14	14	16
Tgg.D2.18.37	18	13	25	22	14	15	14	17	16	16	14	14	16	16	17	14	15	15	15	17	16	15	14	16
Tgg.C1.18.38	17	13	22	24	15	15	15	16	15	15	16	14	15	17	17	15	16	15	16	15	16	16	16	17
Tgg.C3.18.39	17	13	23	23	17	16	15	17	17	15	16	17	18	18	19	18	15	15	16	18	16	16	16	17
Tgg.B1.18.42	18	13	25	24	16	17	14	17	15	15	16	17	17	15	15	15	15	16	15	15	16	16	15	16
Tgg.B1.18.44	18	13	23	22	15	15	15	15	17	16	15	15	15	16	15	17	16	15	16	15	15	15	17	15
Tgg.B1.18.51	18	13	24	23	17	17	15	16	18	17	17	15	17	15	18	17	18	18	19	18	17	16	16	16
Tgg.C1.18.56	19	14	23	21	16	16	15	16	17	16	18	15	16	17	16	16	15	17	16	18	18	16	16	16
Tgg.C1.18.57	15	12	23	21	17	17	15	18	17	16	17	16	17	17	17	16	15	16	19	17	16	18	17	16
Tgg.C1.18.60	18	15	23	23	16	17	16	16	15	16	17	15	16	16	16	16	16	16	15	18	18	16	15	