

**Table S3.** Morphometric values (mean  $\pm$  standard deviation) obtained from 37 specimens of Lineages A, B, C and E, including the topotype of *D. nanus* (\*), and 34 specimens of Lineage D, including the topotype of *D. walfordi* (\*\*). N: Number of sampled individuals. SVL: snout–vent length. HL: head length. HW: head width. TD: tympanum diameter. ED: eye diameter. SL: shank length (= tibia length). FL: foot length. TL: thigh length. HAL: hand length. END: eye–nostril distance.

	Lineage A	Lineage B			Lineage C		Lineage E	
	Cuiabá – MT (N = 10)	Araguari – MG (N = 5)	Carolina – MA (N = 5)	Guarani de Goiás - GO (N=1)	Vilhena – RO (N = 3)	Cáceres – MT (N = 3)	Resistencia - AR* (N = 9)	Bela Vista - MS (N = 1)
SVL	17.9 $\pm$ 1.0 (16.8-19.45)	20.7 $\pm$ 0.6 (19.9-21.6)	19.3 $\pm$ 1.3 (17.3-20.2)	19.2	20.1 $\pm$ 1.1 (18.5-21.0)	20.0 $\pm$ 0.6 (19.3-20.7)	18.6 $\pm$ 0.6 (17.6-19.7)	17.5
HW	5.5 $\pm$ 0.6 (4.8-6.5)	6.1 $\pm$ 0.1 (6.0-6.3)	5.9 $\pm$ 0.2 (5.6-6.1)	5.7	6.0 $\pm$ 0.5 (5.3-6.3)	5.9 $\pm$ 0.3 (5.6-6.2)	5.8 $\pm$ 0.2 (5.5-6.2)	5.5
HL	5.7 $\pm$ 1.2 (4.6-7.5)	6.2 $\pm$ 0.3 (5.9-6.7)	6.0 $\pm$ 0.4 (5.5-6.5)	6.5	6.2 $\pm$ 0.1 (6.0-6.3)	6.3 $\pm$ 0.4 (5.8-6.8)	5.4 $\pm$ 0.2 (5.1-5.8)	6.1
ED	2.0 $\pm$ 0.3 (1.7-2.4)	2.2 $\pm$ 0.1 (2.2-2.4)	2.1 $\pm$ 0.1 (1.9-2.2)	2.0	2.1 $\pm$ 0.1 (2.1-2.2)	2.1 $\pm$ 0.2 (1.9-2.3)	2.0 $\pm$ 0.1 (1.8-2.2)	2.1
TD	0.8 $\pm$ 0.1 (0.6-0.9)	0.8 $\pm$ 0.1 (0.6-0.8)	0.7 $\pm$ 0.1 (0.6-0.9)	0.6	1.0 $\pm$ 0.1 (0.9-1.0)	0.8 $\pm$ 0.1 (0.7-0.8)	0.8 $\pm$ 0.1 (0.7-1.0)	0.9
END	1.4 $\pm$ 0.3 (1.1-2.0)	1.64 $\pm$ 0.1 (1.6-1.7)	1.6 $\pm$ 0.1 (1.5-1.8)	1.5	1.6 $\pm$ 0.2 (1.3-1.8)	1.7 $\pm$ 0.1 (1.6-1.8)	1.6 $\pm$ 0.1 (1.5-1.6)	1.3
HAL	5.3 $\pm$ 0.6 (4.4-6.0)	5.9 $\pm$ 0.2 (5.7-6.3)	5.8 $\pm$ 0.3 (5.2-6.1)	5.2	6.1 $\pm$ 0.6 (5.3-6.6)	6.1 $\pm$ 0.5 (5.6-6.7)	5.4 $\pm$ 0.2 (5.3-5.7)	4.9
FL	8.0 $\pm$ 0.8 (7.0-9.4)	9.2 $\pm$ 0.3 (8.9-9.5)	8.6 $\pm$ 0.5 (7.7-9.3)	8.3	9.0 $\pm$ 0.7 (8.0-9.6)	9.0 $\pm$ 0.8 (7.8-9.6)	8.2 $\pm$ 0.2 (7.8-8.5)	7.6
TL	8.9 $\pm$ 1.0 (7.4-10.0)	10.1 $\pm$ 0.2 (10.0-10.4)	9.4 $\pm$ 0.3 (8.9-9.8)	9.7	10.0 $\pm$ 0.3 (9.7-10.5)	9.9 $\pm$ 0.8 (9.1-10.8)	9.7 $\pm$ 0.5 (9.1-10.5)	9.0
SL	8.9 $\pm$ 0.8 (7.58-10.1)	10.2 $\pm$ 0.3 (9.8-10.5)	9.7 $\pm$ 0.3 (9.0-9.9)	9.8	9.8 $\pm$ 0.4 (9.2-10.1)	10.3 $\pm$ 0.8 (9.2-10.7)	9.5 $\pm$ 0.5 (8.6-10.2)	9.3

Lineage D				
	Costa Marques – RO ** (N = 20)	Belém – PA (N = 4)	Itapuã do Oeste – RO (N = 5)	Rio Branco – AC (N = 5)
SVL	19.8±0.6 (19.0-20.9)	16.6±0.4 (16.3-17.1)	17.1±0.5 (16.3-17.8)	17.1±0.5 (16.3-17.8)
HW	5.8±0.4 (5.4-7.0)	5.3±0.2 (5.2-5.6)	6.1±0.4 (5.4-6.6)	5.5±0.2 (5.1-5.8)
HL	5.2±0.3 (4.7-5.9)	5.2±0.4 (4.8-5.8)	5.8±0.2 (5.6-6.1)	5.0±0.0 (5.0-5.1)
ED	2.0±0.1 (1.8-2.2)	1.9±0.0 (1.8-1.9)	2.3±0.1 (2.2-2.4)	1.9±0.1 (1.8-2.0)
TD	0.9±0.1 (0.7-1.1)	0.8±0.2 (0.6-1.1)	1.0±0.2 (0.7-1.3)	0.9±0.1 (0.7-1.0)
END	1.5±0.2 (1.2-2.0)	1.5±0.1 (1.3-1.6)	1.7±0.1 (1.7-1.9)	1.5±0.2 (1.3-1.7)
HAL	5.6±0.3 (5-6.6.0)	5.1±0.0 (5.1-5.1)	5.7±0.3 (5.2-6.0)	5.5±0.1 (5.3-5.7)
FL	8.4±0.4 (7.9-9.5)	7.6±0.4 (7.1-8.0)	8.9±0.6 (8.1-10)	8.1±0.4 (7.6-8.7)
TL	9.4±0.4 (8.8-10.4)	8.9±0.0 (8.8-8.9)	10.1±0.2 (9.9-10.5)	9.0±0.3 (8.5-9.3)
SL	9.6±0.4 (8.9-10.5)	8.6±0.3 (8.2-9.0)	10.3±0.2 (10.1-10.5)	9.3±0.5 (8.7-9.8)