

Table S1. Morphologic measurements of *Atelopus manauensis* sp. nov. and *Atelopus hoogmoedi* of REBIO Uatumã (REUA) and Pitinga River. Abbreviations: (SEX) sexes, (M) male, (F) female, (RFAD) Reserva Florestal Adolpho Ducke, (CIGS/EB) Centro de Instruções de Guerra na Selva do Exército Brasileiro, (FD) Fazenda Dimona, (REUA) Reserva Biológica do Uatumã, (Pitinga) Pitinga River, (SVL) snout-vent length, (SW) sacrum width, (HW) head width, (HL) head length, (EYDM) eye diameter, (EYNO) eye to nostril distance, (IOD) interorbital distance, (ITNA) internarial distance, (RDUL) length of flexed forearm, (HAND) hand length, (THBL) thumb length, (FOOT) foot length, (TL) tibia length.

Field Number	SEX	Local	SVL	SW	HW	HL	EYDM	EYNO	ITNA	IOD	RDUL	HAND	THUL	FOOT	TIBL
HOLOTIPO	M	RFAD	21.24	6.5	7.3	7.5	2.35	2.35	2.6	2.95	6.3	5	2.2	7.3	9.8
ST01	M	RFAD	21.35	7.5	7.3	7.9	2.5	2.5	2.7	3.6	6.4	4.9	2.1	7.5	9.9
ST02	M	RFAD	20.79	6.3	7.2	7.8	2.1	2.1	2.7	2.9	6.9	4.7	2.05	7.2	9.9
ST03	M	RFAD	21.44	8.6	7.6	7.9	2.4	2.5	2.8	3	6.9	5.2	2.1	7.8	10.3
ST04	M	RFAD	20.93	8.3	7.5	7.7	2.5	2.2	2.6	3.1	6.5	5.1	1.9	7.6	9.8
ST05	M	RFAD	20.15	7.8	7.3	7.9	2.5	2.2	2.4	2.9	6.8	4.9	1.9	7.5	9.8
31RD	M	RFAD	26.4	8.5	8.3	8.5	2.7	3	3.1	2.9	8.2	6.6	2.5	10.4	11.9
29RD	F	RFAD	27.89	8.5	8.3	8.9	3	3	3.1	3	8.7	7.5	2.5	10.9	12.1
H011900	F	RFAD	28.8	8.4	8.5	9.2	2.7	2.8	3.1	3.3	10	6.4	3	10.4	12.9
PTMP02-4	M	CIGS/EB	24.96	6.7	7.8	8.7	2.7	2.9	2.9	31	7.9	6.2	2.4	8.8	11.7
PTMP02-5	M	CIGS/EB	24.55	6.9	7.8	8.5	2.5	2.7	2.8	2.9	6.2	5.4	2.3	7.6	10.5
05ZF2	M	LBA/ZF2	19.14	5.7	6.5	6.8	2.1	2.4	2.4	2.5	5.3	4.8	2.1	6.4	9.8
56DI	M	FD	19.28	5.7	6.6	7	2.2	2.5	2.4	2.5	6	4.9	2.1	6.6	9.8
38UA	M	REUA	29.37	8.2	9.3	9.5	2.7	3.4	3.2	3.7	8.4	6.5	3	10.4	13
39UA	M	REUA	31.44	8.5	9.9	10.4	3	3.4	3.4	4.3	10.1	8	3.9	11.9	14
44UA	M	REUA	32.9	8.6	10	10.6	3.1	3.5	3.6	3.8	9.6	8.1	4	12.3	13.1
46UA	M	REUA	30	8.5	9.6	9.9	2.9	3.4	3.3	3.7	9.5	8	3.9	11.6	13
94UA	M	Pitinga	29	8.2	9.4	9.7	2.7	3.5	3.1	3.4	9	7.2	2.9	10.5	14
95UA	M	Pitinga	27.56	7.6	8.8	9.3	2.4	2.9	2.9	3.2	8.7	6.7	2.9	9.4	12.8
96UA	M	Pitinga	28.28	7.7	9	9.5	2.7	3.2	3.1	3.7	8.9	6.9	3	9.9	13
97UA	M	Pitinga	26.89	7.5	8.5	8.9	2.5	3.1	3	3.7	8.6	6.7	2.8	9.5	12.7