

Records of multiple clutching in captive mountain chicken frogs (*Leptodactylus fallax*)

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Table S1. Differences between institutions in captive management protocols for *Leptodactylus fallax* colonies in the study period

Variable	Institution	
	ZSL	Nordens Ark
Enclosure size	2 m x 2 m x 3 m	3 m x 2 m x 2.5 m
Heating and lighting	120 cm hydroponic lighting unit (Growth Technology, 8-lamp) Mix of Arcadia 12% UV T5 and photosynthetic T5 lamps 300W OSRAM Ultra-Vitalux lamp Ceiling overhead lights	Super ZOO T5 Lightning Unit (Arcadia, 6 x 54 W) Mix of Arcadia 6% UV T5 and Arcadia 12% UV T5 lamps 2x 50W Arcadia ceramic heaters 2x Arcadia LED Bar 54W
Photoperiod	12 hours per day, no reverse lighting	10 - 14 hours per day, reverse lighting
Environment	<u>Multi-clutch Observation 1</u> 22°C – 30°C throughout breeding season 0 - 3 UVi throughout breeding season <u>Multi-clutch Observation 2</u> 22°C – 28°C throughout breeding season 0 - 4 UVi throughout breeding season	<u>Multi-clutch Observation 1</u> 21.4°C - 34.4°C throughout breeding season 0-1.4 UVi throughout breeding season <u>Multi-clutch Observation 2</u> 21.5°C – 31.4°C throughout breeding season 0 - 2 UVi throughout breeding season
Misting	Automatic 1 minute, once a day in non-breeding season 2x 1 minute, once a day in breeding season	Automatic 5 minutes, once a week in non-breeding season 5-10 minutes, 9-20 times per week in breeding season
Live planting	None	<i>Monstera</i> sp.

Diet	Desert locusts (<i>Schistocerca gregaria</i>) House crickets (<i>Acheta domesticus</i>) African field cricket (<i>Gryllus bimaculatus</i>) Dubia cockroaches (<i>Blaptica dubia</i>) Sun beetle larvae (<i>Pachnoda marginata</i>)	African field cricket (<i>G. bimaculatus</i>) Dubia cockroaches (<i>B. dubia</i>) Death's head cockroach (<i>Blaberus craniifer</i>)
Feeding regime	2 x week breeding season, 7 x week non-breeding season	3 x week
Supplements	1:1 calcium carbonate: Nutrobal (Vetark Professional UK)	Calcium carbonate for <i>G. bimaculatus</i> Nutrobal (Vetark Professional UK) for cockroach sp.
Animal background*	<u>ZSLF</u> Founder animal ~13yo from beginning of observations 453g-696g during time of observations <u>ZSLM1*</u> F2 captive-bred 4yo from beginning of observations <u>ZSLM2</u> F2 captive-bred <2yo from beginning of observations <u>ZSLM3</u> F2 captive-bred 2yo from beginning of observations	<u>NAF</u> F2 captive-bred 4yo from beginning of observations (2020) 355.1g - 449.0g during time of observations <u>NAM1</u> F2 captive-bred 5yo (2020) 479.0g - 501.0g during time of observations <u>NAM2</u> F2 captive-bred 5yo (2020) 429g during time of observations <u>NAM3</u> F2 captive-bred 6yo (2021) 400g during time of observations

*Animals involved in observations are referred to by institution (ZSL or NA), sex (F or M) and number, where more than one individual of a given sex is involved.