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

FRANCESCA SERVINI, KRISTOFER FÖRSÄTER, BENJAMIN TAPLEY & CHRISTOPHER J. MICHAELS

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

<table>
<thead>
<tr>
<th>Variable</th>
<th>ZSL</th>
<th>Nordens Ark</th>
</tr>
</thead>
<tbody>
<tr>
<td>Enclosure size</td>
<td>2 m x 2 m x 3 m</td>
<td>3 m x 2 m x 2.5 m</td>
</tr>
<tr>
<td>Heating and lighting</td>
<td>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</td>
<td>Super ZOO T5 Lighting 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</td>
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<tr>
<td>Photoperiod</td>
<td>12 hours per day, no reverse lighting</td>
<td>10 - 14 hours per day, reverse lighting</td>
</tr>
<tr>
<td>Environment</td>
<td>Multi-clutch Observation 1 22°C – 30°C throughout breeding season 0 - 3 UVI throughout breeding season Multi-clutch Observation 2 22°C – 28°C throughout breeding season 0 - 4 UVI throughout breeding season</td>
<td>Multi-clutch Observation 1 21.4°C - 34.4°C throughout breeding season 0-1.4 UVI throughout breeding season Multi-clutch Observation 2 21.5°C – 31.4°C throughout breeding season 0 - 2 UVI throughout breeding season</td>
</tr>
<tr>
<td>Misting</td>
<td>Automatic 1 minute, once a day in non-breeding season 2x 1 minute, once a day in breeding season</td>
<td>Automatic 5 minutes, once a week in non-breeding season 5-10 minutes, 9-20 times per week in breeding season</td>
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<tr>
<td>Live planting</td>
<td>None</td>
<td>Monstera sp.</td>
</tr>
</tbody>
</table>
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.

| Diet | Desert locusts (*Schistocerca gregaria*)
| | House crickets (*Acheta domesticus*)
| | African field cricket (*Gryllus bimaculatus*)
| | Dubia cockroaches (*Blaptica dubia*)
| | Sun beetle larvae (*Pachnoda marginata*)
| | African field cricket (*G. bimaculatus*)
| | Dubia cockroaches (*B. dubia*)
| | Death's head cockroach (*Blaberus craniifer*)

| 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 *G. bimaculatus*
| | | Nutrobal (Vetark Professional UK) for cockroach sp. |

| Animal background* | ZSLF
| | Founder animal
| | ~13yo from beginning of observations
| | 453g-696g during time of observations
| | ZSLM1*
| | F2 captive-bred
| | 4yo from beginning of observations
| | ZSLM2
| | F2 captive-bred
| | <2yo from beginning of observations
| | ZSLM3
| | F2 captive-bred
| | 2yo from beginning of observations
| | NAF
| | F2 captive-bred
| | 4yo from beginning of observations (2020)
| | 355.1g - 449.0g during time of observations
| | NAM1
| | F2 captive-bred
| | 5yo (2020)
| | 479.0g - 501.0g during time of observations
| | NAM2
| | F2 captive-bred
| | 5yo (2020)
| | 429g during time of observations
| | NAM3
| | F2 captive-bred
| | 6yo (2021)
| | 400g during time of observations

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