**Table S1.** Number of individuals of anuran species recorded during different precipitation seasons (low and high seasons) through visual encounter surveys in Monte Zerpa Cloud Forest, Mérida Venezuela. Species: *Hyloscirtus platydactylus*, H pla; *Hyloscirtus jahni*, H jah; *Pristimantis vanadisae*, P van; and *Hyalinobatrachium duranti,* H dur. Mean values of climatic variables are indicated: Stream flow, Q (cm3/s); relative humidity, HR (%); temperature, Temp (°C); and precipitation, Pp (mm). (download)

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Month | Season | Q\* | HR | Temp | Pp | H pla | H jah | P van | H dur |
| January | Low | 4.56 | 65 | 20 | 76 | 20 | 8 | 3 | 6 |
| February | Low | 7.65 | 65 | 16 | 83 | 23 | 12 | 10 | 14 |
| March | Low | 10.12 | 79 | 16 | 112 | 21 | 14 | 22 | 26 |
| April | High | 18.82 | 92 | 17 | 277 | 14 | 5 | 1 | 40 |
| May | High | 14.73 | 92 | 18 | 129 | 3 | 2 | 0 | 44 |
| June | High | 16.54 | 85 | 15 | 184 | 4 | 2 | 1 | 25 |
| July | Low | 8.13 | 74 | 17 | 94 | 32 | 10 | 2 | 44 |
| August | Low | 11.23 | 65 | 20 | 108 | 6 | 2 | 0 | 25 |
| September | High | 15.76 | 67 | 16 | 135 | 4 | 4 | 0 | 23 |
| October | High | 32.93 | 95 | 18 | 295 | 3 | 4 | 0 | 33 |
| November | High | 29.41 | 82 | 17 | 241 | 4 | 2 | 0 | 7 |
| December | Low | 12.72 | 70 | 20 | 115 | 11 | 5 | 0 | 1 |

\* Initially included in the GLM analysis but drop out due to violation of model assumptions.