|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **ID** | **Species** | **sex** | **body mass (g)** | | **Date** | **Tb1(˚C)** | **Tb2(˚C)** | **Ta1(˚C)** | **Ta2(˚C)** | **Time1** | **Time2** | **latitude** | **longitude** |
|  |  |  |  |  | |  |  |  |  |  |  |  |  |
| ZBSC 1271 | *Gerbillus gerbillus* | female | 17.5 | 18.10.2021 | | 37.1 | 28.4 | 17.9 | 27.5 | 0:50 | 10:55 | 28.5598 | -11.013625 |
| ZBSC 1288 | *Gerbillus gerbillus* | female | 15.5 | 22.10.2021 | | 37.6 | 28.9 | 19.1 | 24.9 | 2:05 | 12:10 | 28.63039 | -9.9324867 |
| ZBSC 1318 | *Gerbillus gerbillus* | male | 20 | 30.10.2021 | | 38.6 | 24.7 | 19 | 19.5 | 23:20 | 9:35 | 27.91209 | -12.393025 |
| ZBSC 1319 | *Gerbillus gerbillus* | female | 16 | 31.10.2021 | | 37.3 | 33.9 | 16.8 | 22.2 | 0:20 | 10:40 | 28.84082 | -10.8522383 |
| ZBSC 1295 | *Gerbillus amoenus* | male | 13 | 23.10.2021 | | 36.1 | 27.1 | 13.9 | 26.5 | 1:25 | 11:55 | 28.63504 | -9.9345334 |
| ZBSC 1311 | *Gerbillus amoenus* | male | 15 | 26.10.2021 | | 38 | 24.8 | 15.8 | 24.7 | 0:35 | 10:35 | 27.67344 | -11.6848984 |
| ZBSC 1263 | *Gerbillus* sp.1 | male | 35 | 18.10.2021 | | 38.1 | 34.2 | 13.8 | 31.7 | 5:20 | 13:10 | 28.5581067 | -11.0148583 |
| ZBSC 1270 | *Gerbillus* sp.1 | male | 28.5 | 18.10.2021 | | 37.8 | 29.4 | 15.8 | 27.1 | 1:00 | 12:43 | 28.55886 | -11.013975 |
| ZBSC 1280 | *Gerbillus* sp.1 | male | 27.5 | 19.10.2021 | | 37.6 | 26.9 | 17.7 | 32.1 | 22:35 | 11:29 | 28.5605 | -11.0129767 |

Table S1. Collection IDs, species, sex, body mass, date of measurements, nocturnal body temperature (Tb1), diurnal body temperature (Tb2), and of studied specimens, ambient temperatures of time of measurement (Ta1 and Ta2), time of measurements and geographical location.