Table S1.Alphabetical listing of metabolic and population data compiled for 17 species of rodents with references.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Species | MMR  (mlO2/h) | BMR  (mlO2/h) | Tb  (ºC) | Mb (g) | *Rmax* | Source(s) |
| *Apodemus flavicollis* | 300.4 | 75.1 | 36.6 | 25.9 | 2.462 | 4,17 |
| *Baiomys taylori* | 84.9 | 19.7 | 37.0 | 6.9 | 0.978 | 5,21 |
| *Akodon olivaceus* | 248.4 | 49.4 | 37.2 | 27.0 | 1.574 | 1,2,3 |
| *Clethrionomis rutilus* | 378.0 | 77.0 | 37.4 | 28.0 | 0.972 | 8,22 |
| *Dipodomys merriami* | 290.9 | 59.5 | 34.1 | 36.5 | 1.871 | 10,7 |
| *Ellobius talpinus* | 279.6 | 94.0 | 36.9 | 43.7 | 0.583 | 12, 23 |
| *Notomys alexis* | 208.7 | 49.7 | 37.9 | 38.8 | 0.984 | 9,19 |
| *Octodon degus* | 1072.5 | 181.4 | 37.2 | 195 | 1.748 | 15,24 |
| *Peromyscus maniculatus* | 130.9 | 31.3 | 36.3 | 13.3 | 0.229 | 10,24 |
| *Phyllotis darwini* | 407.1 | 71.4 | 36.2 | 59.0 | 2.195 | 1,2,13 |
| *Rattus coletti* | 691.0 | 122.6 | 36.2 | 165.7 | 1.372 | 9,14 |
| *Spermophilus beldingi* | 1856.9 | 233.9 | 38.5 | 303.8 | 1.356 | 18,16 |
| *Uromys caudimaculatus* | 2658.3 | 573.3 | 34.6 | 819.0 | 1.920 | 9,19 |
| *Rattus vilossisimus* | 869. 2 | 149.5 | 35.9 | 253.4 | 0.963 | 9,14,19 |
| *Peromyscus eremicu* | 144.4 | 26.9 | 36.1 | 19.1 | 0.734 | 11, 24 |
| *Perognathus fallax* | 166.6 | 27.8 | 32.6 | 21.2 | 1.021 | 11,24 |
| *Pseudomys gracilicaudatus* | 327.0 | 87.6 | 36.8 | 80.4 | 1.540 | 6,2 |

1.- Bozinovic and Rosenman (1988); 2.- Bozinovic and Rosenman (1989); 3.- Lima et al. (2006); 4.-Cygan (1985); 5.- Rosenmann and Morrison (1974); 6.- Dawson and Dawson (1981); 7.- Lima et al. (2008); 8.- Rosenmann et al. (1975); 9.- Hinds et al. (1993); 10.- Hinds and Rice-Warner (1992); 11.- Hulbert et a. (1985); 12.- Moshkin et al. (2001); 13.- Crespin and Lima (2006); 14.- Madsen and Shine (2002); 15.- Rosenmann (1977); 16.-Sherman and Morton (1984); 17.- Pucek et al. (1993); 18.- Chappel and Bachman (1995); 19.- Predavec and Dickman (1993); 20.- Morris et al. (2000); 21.- Grant et al. (1985); 22.- West (1982); 23.- Evdokimov (2003) and 24.- Global Population Dynamics DataBase (http://www3.imperial.ac.uk/cpb/research/patternsandprocesses/gpdd).

**References Table S1**

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