

APPENDIX S1 – Additional tables and figures.

Table S1 – Loadings of the 19 climatic variables and altitude in the principal components analysis across the 406 0.5° cells in Egypt. The four components (PC1-4) with mean eigenvalues greater than 1 are shown. The five highest loadings for each principal component are displayed in bold.

| Variable | PC1 | PC2 | PC3 | PC4 |
|-------------------------------------|---------------|---------------|---------------|---------------|
| Altitude | 0.020 | -0.037 | 0.472 | 0.143 |
| Annual Mean Temperature | 0.070 | 0.178 | -0.108 | 0.087 |
| Mean Diurnal Temperature Range | 0.093 | -0.093 | -0.040 | 0.029 |
| Isothermality | 0.069 | 0.004 | -0.071 | -0.270 |
| Temperature Seasonality | 0.086 | -0.122 | -0.013 | 0.185 |
| Max Temperature of Warmest Month | 0.099 | 0.048 | -0.078 | 0.113 |
| Min Temperature of Coldest Month | -0.023 | 0.240 | -0.066 | -0.033 |
| Annual Temperature Range | 0.091 | -0.112 | -0.019 | 0.107 |
| Mean Temperature of Wettest Quarter | 0.034 | 0.196 | 0.158 | 0.137 |
| Mean Temperature of Driest Quarter | -0.083 | 0.006 | -0.032 | -0.344 |
| Mean Temperature of Warmest Quarter | 0.088 | 0.119 | -0.107 | 0.128 |
| Mean Temperature of Coldest Quarter | 0.028 | 0.238 | -0.108 | 0.002 |
| Annual Precipitation | -0.097 | 0.001 | -0.055 | 0.257 |
| Precipitation of Wettest Month | -0.096 | 0.019 | -0.059 | 0.233 |
| Precipitation Seasonality | -0.089 | 0.040 | 0.049 | -0.228 |
| Precipitation of Wettest Quarter | -0.096 | 0.005 | -0.071 | 0.262 |
| Precipitation of Driest Quarter | -0.008 | 0.070 | 0.281 | -0.303 |
| Precipitation of Warmest Quarter | 0.002 | 0.089 | 0.399 | 0.205 |
| Precipitation of Coldest Quarter | -0.094 | -0.014 | -0.084 | 0.277 |

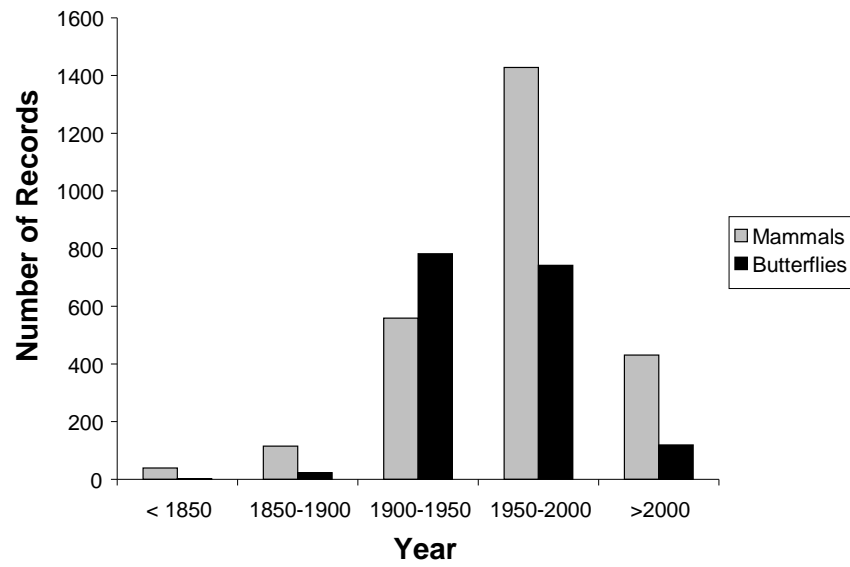


Figure S1 - Frequency distribution of butterfly and mammal records across the years during which the data were collected.

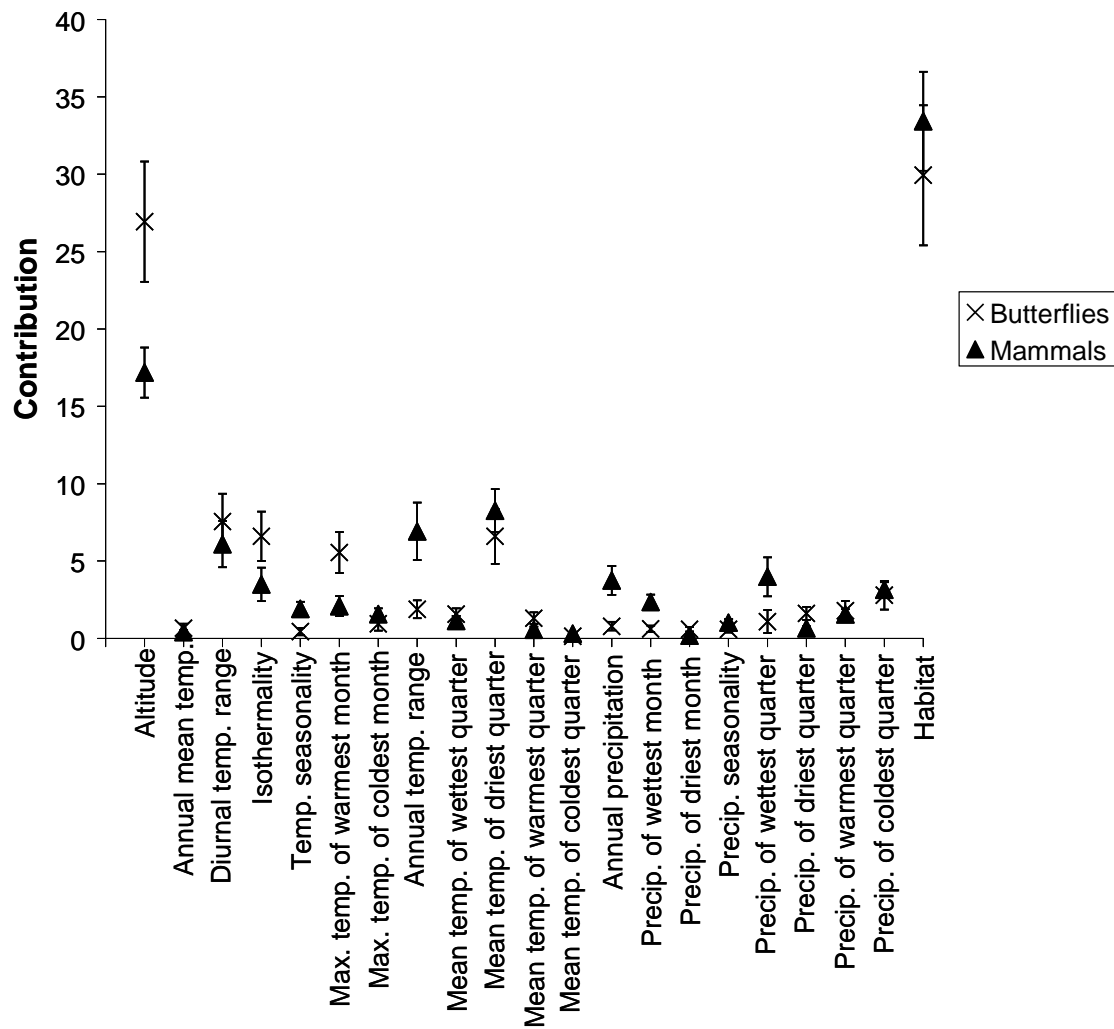


Figure S2 – Mean contribution (%) of each of the environmental variables to the species distribution models, averaged across all species. A complete breakdown of variable importance by species is given in Table 1 in Appendix S2 in the supporting information.

APPENDIX S2 – Contributions of each of the environmental variables to the species distribution models.

Table S1 – Number of presence records used to build the Maxent distribution models and contribution (%) of each of the 19 climatic variables, altitude and habitat to the models for each of the species. A key to the variables used is given at the bottom of the table.

| Species | Number of Presence Records | Variable Contributions | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|----------------------------|------------------------|---|----|----|---|----|----|----|---|----|----|----|----|----|----|----|----|----|----|----|----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| Butterflies: | | | | | | | | | | | | | | | | | | | | | | |
| <i>Agrodiaetus loewii</i> | 28 | 46 | 0 | 26 | 1 | 0 | 0 | 0 | 2 | 3 | 1 | 2 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 5 | 8 |
| <i>Apharitis acamas</i> | 15 | 59 | 0 | 13 | 0 | 1 | 10 | 0 | 6 | 1 | 2 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 2 | 1 | 3 |
| <i>Azanus jesous</i> | 8 | 1 | 8 | 24 | 32 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 7 | 0 | 25 |
| <i>Azanus ubaldus</i> | 18 | 0 | 0 | 2 | 1 | 0 | 0 | 1 | 14 | 0 | 6 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 3 | 0 | 30 | 44 |
| <i>Borbo borbonica</i> | 19 | 1 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 24 | 6 | 0 | 6 | 56 |
| <i>Carcharodus alceae</i> | 14 | 55 | 0 | 1 | 13 | 0 | 13 | 0 | 3 | 1 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| <i>Carcharodus stauderi</i> | 16 | 40 | 1 | 2 | 22 | 0 | 15 | 0 | 0 | 1 | 0 | 3 | 0 | 3 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 11 |
| <i>Colias croceus</i> | 60 | 30 | 0 | 6 | 0 | 0 | 5 | 0 | 13 | 2 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 2 | 35 |
| <i>Colotis fausta</i> | 23 | 53 | 1 | 26 | 5 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 6 | 3 |
| <i>Danaus chrysippus</i> | 51 | 18 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 6 | 0 | 0 | 0 | 4 | 1 | 1 | 0 | 3 | 0 | 0 | 66 |
| <i>Deudorix livia</i> | 51 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 2 | 0 | 4 | 84 |
| <i>Euchloe aegyptiaca</i> | 20 | 27 | 0 | 24 | 2 | 0 | 12 | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 11 | 0 | 0 | 0 | 16 |
| <i>Euchloe belemia</i> | 6 | 14 | 0 | 0 | 0 | 0 | 0 | 13 | 0 | 0 | 24 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 18 | 0 | 27 |
| <i>Euchloe falloui</i> | 12 | 48 | 0 | 8 | 19 | 0 | 11 | 0 | 1 | 4 | 0 | 2 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 4 | 2 |
| <i>Freyeria trochylus</i> | 32 | 24 | 0 | 0 | 0 | 2 | 0 | 0 | 1 | 0 | 11 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 1 | 3 | 53 |
| <i>Gegenes nostrodamus</i> | 37 | 3 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 35 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 2 | 0 | 1 | 54 |
| <i>Hypolimnas misippus</i> | 10 | 0 | 0 | 1 | 9 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 1 | 0 | 8 | 68 |
| <i>Iolana alfierii</i> | 12 | 32 | 4 | 4 | 6 | 0 | 34 | 0 | 0 | 9 | 0 | 8 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| <i>Lampides boeticus</i> | 50 | 11 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 2 | 12 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 5 | 0 | 0 | 65 |
| <i>Lycaena phlaeas</i> | 8 | 1 | 0 | 40 | 28 | 0 | 6 | 0 | 2 | 1 | 0 | 8 | 1 | 3 | 0 | 0 | 0 | 0 | 7 | 0 | 0 | 3 |
| <i>Melitaea deserticola</i> | 34 | 52 | 0 | 27 | 3 | 1 | 0 | 0 | 1 | 0 | 0 | 2 | 0 | 0 | 4 | 2 | 0 | 0 | 0 | 1 | 2 | 5 |
| <i>Melitaea trivialis</i> | 11 | 42 | 0 | 2 | 23 | 0 | 13 | 0 | 1 | 6 | 0 | 0 | 2 | 0 | 2 | 3 | 0 | 0 | 0 | 0 | 2 | 4 |
| <i>Papilio saharae</i> | 11 | 33 | 0 | 2 | 24 | 0 | 25 | 0 | 2 | 2 | 0 | 3 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 3 |

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|--------------------------------|-----|----|---|----|----|---|----|----|---|----|----|---|---|----|----|---|---|----|---|----|----|----|
| <i>Pelopidas thrax</i> | 29 | 13 | 0 | 0 | 0 | 0 | 2 | 2 | 0 | 0 | 25 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 0 | 0 | 49 | |
| <i>Pieris rapae</i> | 43 | 4 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 9 | 3 | 73 |
| <i>Plebejus philbyi</i> | 14 | 55 | 0 | 4 | 19 | 0 | 13 | 0 | 1 | 2 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 4 | |
| <i>Pontia daplidice</i> | 35 | 56 | 0 | 16 | 2 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 3 | 0 | 15 |
| <i>Pontia glauconome</i> | 49 | 39 | 0 | 15 | 2 | 0 | 1 | 5 | 0 | 3 | 8 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 10 | 2 | 14 |
| <i>Pseudophilotes sinaicus</i> | 9 | 79 | 1 | 1 | 3 | 0 | 9 | 1 | 0 | 1 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | |
| <i>Pseudotergumia pisidice</i> | 16 | 64 | 4 | 8 | 3 | 0 | 10 | 0 | 0 | 5 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 1 |
| <i>Spialia doris</i> | 23 | 0 | 0 | 8 | 2 | 3 | 0 | 7 | 4 | 3 | 41 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 7 | 0 | 4 | 19 |
| <i>Tarucus rosaceus</i> | 37 | 8 | 0 | 0 | 5 | 1 | 4 | 0 | 0 | 0 | 23 | 0 | 0 | 1 | 1 | 2 | 0 | 0 | 6 | 1 | 0 | 48 |
| <i>Vanessa atalanta</i> | 17 | 8 | 4 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 10 | 0 | 0 | 8 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 67 |
| <i>Vanessa cardui</i> | 63 | 18 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 7 | 2 | 0 | 0 | 0 | 0 | 2 | 2 | 0 | 0 | 1 | 3 | 64 |
| <i>Zizeeria karsandra</i> | 41 | 8 | 0 | 3 | 4 | 0 | 5 | 0 | 0 | 0 | 9 | 6 | 0 | 4 | 0 | 0 | 0 | 0 | 2 | 4 | 11 | 42 |
| Mammals: | | | | | | | | | | | | | | | | | | | | | | |
| <i>Acinonyx jubatus</i> | 35 | 23 | 3 | 0 | 0 | 3 | 7 | 3 | 4 | 0 | 22 | 0 | 1 | 7 | 3 | 0 | 3 | 0 | 0 | 0 | 14 | 7 |
| <i>Acomys cahirinus</i> | 106 | 9 | 5 | 1 | 0 | 1 | 3 | 21 | 0 | 0 | 6 | 0 | 2 | 1 | 5 | 1 | 2 | 0 | 2 | 0 | 0 | 42 |
| <i>Acomys dimidiatus</i> | 14 | 1 | 0 | 7 | 60 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 2 | 0 | 0 | 0 | 1 | 1 | 11 | 8 |
| <i>Acomys russatus</i> | 18 | 17 | 0 | 36 | 9 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 8 | 0 | 0 | 3 | 1 | 3 | 3 | 10 | 9 |
| <i>Allactaga tetradactyla</i> | 10 | 3 | 0 | 3 | 2 | 0 | 10 | 0 | 6 | 1 | 0 | 9 | 0 | 35 | 5 | 0 | 0 | 1 | 0 | 0 | 7 | 20 |
| <i>Arvicanthis niloticus</i> | 47 | 26 | 1 | 0 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 69 |
| <i>Asellia tridens</i> | 42 | 22 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 5 | 65 |
| <i>Canis aureus</i> | 17 | 9 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 5 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 77 |
| <i>Canis lupaster</i> | 58 | 30 | 0 | 0 | 0 | 0 | 2 | 0 | 1 | 0 | 9 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 51 |
| <i>Capra nubiana</i> | 105 | 20 | 0 | 30 | 6 | 0 | 2 | 1 | 4 | 2 | 2 | 4 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 11 | 15 |
| <i>Crocidura olivieri</i> | 26 | 11 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 4 | 15 | 0 | 0 | 0 | 5 | 0 | 2 | 0 | 0 | 0 | 3 | 58 |
| <i>Crocidura religiosa</i> | 9 | 22 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 1 | 0 | 71 |
| <i>Dipodillus campestris</i> | 19 | 9 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 20 | 0 | 0 | 7 | 23 | 0 | 1 | 4 | 0 | 6 | 0 | 25 |
| <i>Dipodillus dasyurus</i> | 25 | 26 | 0 | 41 | 8 | 0 | 0 | 1 | 1 | 0 | 6 | 0 | 0 | 2 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| <i>Dipodillus simoni</i> | 13 | 5 | 0 | 9 | 2 | 2 | 2 | 1 | 5 | 0 | 0 | 2 | 0 | 0 | 3 | 0 | 0 | 19 | 0 | 0 | 8 | 43 |
| <i>Eliomys melanurus</i> | 15 | 30 | 3 | 8 | 19 | 0 | 28 | 0 | 4 | 0 | 0 | 0 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| <i>Eptesicus bottae</i> | 8 | 0 | 0 | 0 | 0 | 0 | 27 | 0 | 7 | 13 | 0 | 0 | 4 | 10 | 3 | 0 | 0 | 3 | 2 | 6 | 3 | 23 |

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|--------------------------------|-----|----|---|----|----|----|---|---|----|----|----|---|---|----|---|---|----|----|---|----|---|----|
| <i>Felis chaus</i> | 41 | 19 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 4 | 0 | 0 | 73 |
| <i>Felis margarita</i> | 7 | 0 | 0 | 49 | 0 | 0 | 0 | 0 | 45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 |
| <i>Felis silvestris</i> | 32 | 7 | 0 | 29 | 19 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 6 | 0 | 0 | 2 | 0 | 0 | 10 | 3 | 19 |
| <i>Gazella dorcas</i> | 141 | 14 | 1 | 1 | 1 | 0 | 1 | 4 | 47 | 0 | 1 | 0 | 0 | 4 | 1 | 0 | 1 | 1 | 1 | 2 | 0 | 18 |
| <i>Gerbillus amoenus</i> | 33 | 38 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 19 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 38 |
| <i>Gerbillus andersoni</i> | 57 | 16 | 1 | 6 | 0 | 6 | 2 | 0 | 12 | 1 | 2 | 1 | 0 | 42 | 0 | 0 | 0 | 3 | 0 | 0 | 5 | 3 |
| <i>Gerbillus floweri</i> | 18 | 1 | 0 | 11 | 2 | 0 | 0 | 2 | 8 | 6 | 44 | 0 | 0 | 5 | 2 | 0 | 0 | 0 | 1 | 8 | 0 | 9 |
| <i>Gerbillus gerbillus</i> | 196 | 25 | 2 | 0 | 4 | 1 | 3 | 0 | 3 | 0 | 19 | 0 | 3 | 0 | 2 | 0 | 2 | 2 | 0 | 1 | 2 | 30 |
| <i>Gerbillus henleyi</i> | 44 | 3 | 0 | 7 | 1 | 7 | 0 | 3 | 56 | 2 | 8 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 2 | 9 |
| <i>Gerbillus perpallidus</i> | 20 | 29 | 0 | 0 | 3 | 1 | 2 | 3 | 0 | 1 | 21 | 0 | 0 | 0 | 1 | 0 | 11 | 16 | 0 | 0 | 2 | 10 |
| <i>Gerbillus pyramidum</i> | 101 | 40 | 1 | 0 | 4 | 0 | 6 | 4 | 0 | 2 | 3 | 0 | 0 | 4 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 32 |
| <i>Hemiechinus auritus</i> | 69 | 19 | 0 | 5 | 0 | 5 | 0 | 2 | 9 | 1 | 10 | 0 | 0 | 9 | 2 | 0 | 1 | 1 | 0 | 0 | 2 | 36 |
| <i>Herpestes ichneumon</i> | 29 | 11 | 0 | 0 | 1 | 5 | 0 | 1 | 1 | 3 | 8 | 0 | 1 | 4 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 63 |
| <i>Ictonyx libyca</i> | 22 | 14 | 0 | 1 | 4 | 8 | 0 | 7 | 4 | 0 | 35 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 1 | 1 | 9 | 12 |
| <i>Jaculus jaculus</i> | 124 | 18 | 0 | 1 | 0 | 14 | 3 | 2 | 0 | 0 | 21 | 0 | 3 | 0 | 0 | 0 | 0 | 4 | 1 | 1 | 3 | 26 |
| <i>Jaculus orientalis</i> | 25 | 0 | 1 | 6 | 2 | 2 | 3 | 0 | 0 | 1 | 1 | 1 | 0 | 3 | 3 | 0 | 1 | 39 | 1 | 0 | 8 | 28 |
| <i>Lepus capensis</i> | 85 | 14 | 0 | 0 | 1 | 2 | 1 | 2 | 49 | 0 | 2 | 0 | 0 | 1 | 7 | 1 | 5 | 0 | 1 | 2 | 2 | 9 |
| <i>Meriones crassus</i> | 99 | 11 | 1 | 3 | 0 | 0 | 1 | 2 | 29 | 2 | 10 | 0 | 1 | 2 | 5 | 1 | 0 | 1 | 0 | 7 | 9 | 14 |
| <i>Meriones libycus</i> | 25 | 36 | 3 | 3 | 0 | 1 | 2 | 0 | 4 | 0 | 7 | 5 | 0 | 0 | 0 | 0 | 0 | 27 | 0 | 1 | 2 | 9 |
| <i>Meriones shawi</i> | 22 | 11 | 0 | 10 | 5 | 3 | 2 | 0 | 5 | 0 | 0 | 3 | 0 | 0 | 8 | 0 | 0 | 38 | 0 | 0 | 3 | 12 |
| <i>Mus musculus</i> | 93 | 23 | 0 | 0 | 4 | 0 | 1 | 1 | 2 | 0 | 7 | 2 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 2 | 55 |
| <i>Mustela nivalis</i> | 21 | 13 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 30 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 52 |
| <i>Nesokia indica</i> | 21 | 27 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 1 | 0 | 53 |
| <i>Nycteris thebaica</i> | 28 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 88 |
| <i>Otonycteris hemprichii</i> | 16 | 45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 |
| <i>Pachyuromys duprasi</i> | 24 | 9 | 0 | 0 | 11 | 8 | 0 | 1 | 1 | 12 | 39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 17 |
| <i>Panthera pardus</i> | 22 | 22 | 0 | 27 | 13 | 0 | 2 | 0 | 0 | 1 | 2 | 0 | 0 | 6 | 0 | 0 | 3 | 0 | 1 | 2 | 4 | 17 |
| <i>Paraechinus aethiopicus</i> | 33 | 13 | 0 | 6 | 0 | 0 | 0 | 0 | 60 | 0 | 0 | 0 | 0 | 1 | 0 | 2 | 7 | 0 | 2 | 0 | 1 | 8 |
| <i>Pipistrellus kuhlii</i> | 30 | 24 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 31 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 1 | 0 | 36 |
| <i>Plecotus christii</i> | 31 | 42 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 3 | 3 | 36 |
| <i>Procapra capensis</i> | 37 | 11 | 0 | 6 | 1 | 0 | 0 | 2 | 23 | 2 | 0 | 0 | 0 | 3 | 0 | 2 | 0 | 0 | 3 | 0 | 6 | 41 |

| | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|-----|----|---|----|---|----|---|---|----|---|----|---|---|----|----|---|---|----|---|----|----|----|
| <i>Psammomys obesus</i> | 68 | 7 | 0 | 13 | 3 | 3 | 5 | 0 | 20 | 0 | 0 | 1 | 0 | 9 | 1 | 0 | 2 | 27 | 0 | 0 | 3 | 6 |
| <i>Rattus norvegicus</i> | 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 1 | 5 | 0 | 86 |
| <i>Rattus rattus</i> | 64 | 22 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 5 | 0 | 0 | 1 | 2 | 0 | 1 | 0 | 1 | 0 | 0 | 66 |
| <i>Rhinopoma hardwickii</i> | 26 | 8 | 0 | 0 | 0 | 2 | 0 | 7 | 0 | 0 | 0 | 1 | 0 | 9 | 0 | 0 | 0 | 0 | 0 | 9 | 10 | 52 |
| <i>Rhinopoma microphyllum</i> | 8 | 31 | 0 | 0 | 2 | 0 | 0 | 6 | 0 | 7 | 9 | 0 | 0 | 7 | 6 | 0 | 0 | 2 | 0 | 1 | 6 | 24 |
| <i>Rousettus aegyptiacus</i> | 35 | 0 | 0 | 5 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 91 |
| <i>Sekeetamys calurus</i> | 32 | 9 | 0 | 42 | 5 | 0 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 1 | 0 | 8 | 25 |
| <i>Spalax ehrenbergi</i> | 19 | 17 | 0 | 6 | 5 | 4 | 0 | 1 | 5 | 0 | 3 | 0 | 0 | 1 | 12 | 0 | 1 | 41 | 0 | 0 | 0 | 4 |
| <i>Taphozous nudiventris</i> | 13 | 41 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 1 | 9 | 0 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 4 | 36 |
| <i>Taphozous perforatus</i> | 19 | 1 | 0 | 0 | 0 | 1 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 12 | 3 | 74 |
| <i>Vulpes rueppellii</i> | 68 | 33 | 0 | 0 | 1 | 19 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 9 | 0 | 1 | 0 | 0 | 2 | 1 | 13 | 20 |
| <i>Vulpes vulpes</i> | 116 | 9 | 0 | 0 | 1 | 5 | 2 | 1 | 1 | 0 | 14 | 0 | 0 | 0 | 3 | 0 | 2 | 0 | 0 | 0 | 1 | 60 |
| <i>Vulpes zerda</i> | 36 | 48 | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 0 | 12 | 0 | 0 | 10 | 8 | 0 | 1 | 0 | 0 | 3 | 0 | 15 |

Variable Key

- 1 Altitude
- 2 Annual mean temperature
- 3 Mean diurnal temperature range
- 4 Isothermality
- 5 Temperature seasonality
- 6 Maximum temperature of warmest month
- 7 Minimum temperature of coldest month
- 8 Annual temperature range
- 9 Mean temperature of wettest quarter
- 10 Mean temperature of driest quarter
- 11 Mean temperature of warmest quarter
- 12 Mean temperature of coldest quarter
- 13 Annual precipitation
- 14 Precipitation of wettest month
- 15 Precipitation of driest month
- 16 Precipitation seasonality

- 17 Precipitation of wettest quarter
- 18 Precipitation of driest quarter
- 19 Precipitation of warmest quarter
- 20 Precipitation of coldest quarter
- 21 Habitat