

Appendix 3 Data on small mammals and fleas used in the analysis of the relationship between maximum component community (MCSR) and regional (RSR) species richness.

| Species | Number of examined individuals | MCSR | RSR | Number of regions where a host species occurs |
|--------------------------------|--------------------------------------|------|-----|---|
| <i>Allactaga elater</i> | 1397 | 21 | 30 | 5 |
| <i>Apodemus agrarius</i> | 7438 | 15 | 47 | 10 |
| <i>Apodemus peninsulae</i> | 616 | 16 | 20 | 6 |
| <i>Apodemus sylvaticus</i> | 5919 | 17 | 34 | 4 |
| <i>Apodemus uralensis</i> | 4621 | 19 | 47 | 9 |
| <i>Arvicola terrestris</i> | 2481 | 17 | 33 | 13 |
| <i>Clethrionomys glareolus</i> | 20859 | 24 | 37 | 9 |
| <i>Clethrionomys rufocanus</i> | 1734 | 17 | 29 | 8 |
| <i>Clethrionomys rutilus</i> | 6589 | 22 | 46 | 13 |
| <i>Cricetulus migratorius</i> | 907 | 18 | 46 | 10 |
| <i>Cricetus cricetus</i> | 78 | 8 | 13 | 4 |
| <i>Eutamias sibiricus</i> | 591 | 10 | 12 | 9 |
| <i>Meriones meridianus</i> | 36221 | 25 | 39 | 5 |
| <i>Micromys minutus</i> | 209 | 5 | 14 | 5 |
| <i>Microtus agrestis</i> | 456 | 13 | 16 | 8 |
| <i>Microtus arvalis</i> | 6782 | 19 | 41 | 13 |
| <i>Microtus gregalis</i> | 572 | 13 | 27 | 8 |
| <i>Microtus oeconomus</i> | 1640 | 10 | 28 | 16 |
| <i>Mus musculus</i> | 5228 | 30 | 34 | 15 |
| <i>Neomys fodiens</i> | 258 | 7 | 16 | 10 |
| <i>Peromyscus maniculatus</i> | 2753 | 21 | 33 | 4 |
| <i>Rattus norvegicus</i> | 2981 | 13 | 23 | 4 |
| <i>Sicista betulina</i> | 647 | 11 | 16 | 6 |

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|-------------------------------|-------|----|----|----|
| <i>Sorex araneus</i> | 10300 | 20 | 32 | 11 |
| <i>Sorex caecutiens</i> | 707 | 9 | 9 | 4 |
| <i>Sorex minutus</i> | 1024 | 10 | 12 | 4 |
| <i>Spermophilus undulatus</i> | 3784 | 18 | 24 | 5 |
| <i>Talpa europaea</i> | 244 | 13 | 14 | 4 |
