

Appendix 1 Data on small mammals and fleas used in the analysis of the relationship between maximum infracommunity (MISR) and component community (CSR) species richness. * - host species for which intraspecific analysis was carried out.

Species	Number of examined individuals	MISR	CSR	Source
<i>Acomys cahirinus</i>	122	3	4	Own data
<i>Acomys russatus</i>	27	2	2	Own data
<i>Apodemus agrarius</i> *	2538	4	18	Own data
<i>Apodemus flavicollis</i> *	3893	5	21	Own data
<i>Apodemus uralensis</i> *	560	4	5	Own data
<i>Apodemus sylvaticus</i>	73	3	5	Own data
<i>Arvicanthis niloticus</i>	233	3	3	Schwan, 1986
<i>Arvicola terrestris</i>	6	3	3	Own data
<i>Blarina brevicauda</i>	9	2	2	McCay and Durden, 1996
<i>Chaetodipus californicus</i>	72	2	10	Linsdale and Davis, 1956
<i>Chaetodipus fallax</i>	13	1	1	Casebeer, 1965
<i>Clethrionomys glareolus</i> *	1711	6	23	Own data
<i>Crocidura leucodon</i>	13	3	5	Own data
<i>Dipodomys agilis</i>	59	2	5	Davis <i>et al.</i> , 2002
<i>Dipodomys merriami</i>	189	2	2	Casebeer, 1965
<i>Dipodomys venustus</i>	14	2	5	Linsdale and Davis, 1956
<i>Eliomys melanurus</i>	9	3	3	Own data
<i>Eutamias merriami</i>	43	2	11	Linsdale and Davis, 1956
<i>Gerbillurus vallinus</i>	4	1	1	Gunders <i>et al.</i> , 1985
<i>Gerbillus andersoni</i>	561	2	3	Own data
<i>Gerbillus dasyurus</i> *	968	4	8	Own data
<i>Gerbillus henleyi</i>	99	2	4	Own data

<i>Gerbillus nanus</i>	160	2	3	Own data
<i>Gerbillus pyramidum</i>	108	2	3	Own data
<i>Jaculus jaculus</i>	16	2	4	Own data
<i>Lepus californicus</i>	7	3	4	Linsdale and Davis, 1956
<i>Meriones crassus*</i>	292	4	6	Own data
<i>Micromys minutus</i>	16	2	4	Own data
<i>Microtus arvalis*</i>	1014	5	11	Own data
<i>Microtus californicus</i>	430	3	12	Linsdale and Davis, 1956
<i>Microtus canicaudus</i>	377	3	8	Faulkenberry and Robbins, 1980
<i>Microtus pennsylvanicus</i>	51	2	2	Durden, 1992
<i>Microtus subterraneus*</i>	91	5	10	Own data
<i>Muscardinus avellanarius</i>	11	1	1	Own data
<i>Myoxus glis</i>	4	4	4	Own data
<i>Napaeozapus insignis</i>	101	1	1	Whitaker, 1963a
<i>Neomys anomalus</i>	18	3	7	Own data
<i>Neomys fodiens*</i>	43	5	12	Own data
<i>Neotoma floridana</i>	47	2	2	Durden <i>et al.</i> , 1997
<i>Neotoma fuscipes</i>	253	5	14	Linsdale and Davis, 1956
<i>Oligoryzomys flavescens</i>	8	1	2	Nava <i>et al.</i> , 2003
<i>Otomys angoniensis</i>	76	3	3	Schwan, 1986
<i>Paratomys brantsii</i>	14	3	3	Roper <i>et al.</i> , 2002
<i>Perognathus longimembris</i>	62	1	1	Casebeer, 1965
<i>Perognatus parvus</i>	183	2	2	O'Farrel, 1975
<i>Peromyscus boylii</i>	75	3	9	Linsdale and Davis, 1956
<i>Peromyscus californicus</i>	279	4	10	Linsdale and Davis, 1956
<i>Peromyscus maniculatus</i>	112	3	10	Linsdale and Davis, 1956
<i>Peromyscus truei</i>	149	3	9	Linsdale and Davis, 1956

<i>Psammomys obesus</i>	26	3	4	Own data
<i>Reithrodontomys megalotis</i>	35	1	4	Linsdale and Davis, 1956
<i>Scapanus latimanus</i>	3	1	1	Linsdale and Davis, 1956
<i>Sekeetamys calurus</i>	32	2	3	Own data
<i>Sigmodon hispidus</i>	23	2	2	Durden <i>et al.</i> , 2000
<i>Sorex alpinus</i>	7	3	4	Own data
<i>Sorex araneus</i> *	262	4	4	Own data
<i>Sorex cinereus</i>	49	1	1	Laakkonen <i>et al.</i> , 2002
<i>Sorex minutus</i>	106	1	2	Own data
<i>Spermophilus beecheyi</i>	514	3	7	Linsdale and Davis, 1956
<i>Spermophilus richardsonii</i>	168	4	9	Lindsay and Galloway, 1997
<i>Sylvilagus audubonii</i>	80	4	8	Linsdale and Davis, 1956
<i>Sylvilagus bachmani</i>	9	3	5	Linsdale and Davis, 1956
<i>Talpa europaea</i>	5	6	7	Own data
<i>Thomomys bottae</i>	150	3	6	Linsdale and Davis, 1956
<i>Zapus hudsonicus</i>	864	1	6	Whitaker, 1963b
