

North Asian Late Pleistocene and Holocene palaeocommunities of shrews: A morphospace dynamics from past to present through the modern geometric morphometric approaches

by L.L. Voyta, V.E. Omelko, E.P. Izvarin, A.V. Bobretsov, I.F. Kuprianova, Yu.E. Kropacheva, E.O. Eidinova, J.A. Shemyakina, V.S. Nikiforova, N.G. Smirnov, N.E. Dokuchaev

Table 3. List of specimens of *Sorex araneus* (Race Serov, Hill, Se-H) used for three-dimensional models preparation and additional information on settings for computed micro-tomography scanning and files

Collectors: Inna F. Kuprianova and Anatoly V. Bobretsov (Fieldworks 1995, 2001). Information published by Shchepanov et al. (2014); <https://doi.org/10.15790/zhurnal.13.2.08>

Column headers: direction - direction of the specimen shape information (landmarks) into ps-file; side - left (sin) or right (dex, dexter) hemimandible; PLY, Mb - name of a PLY-file;

Abbreviations: Habitat - BGR, birch grass mountain forest; MDW, meadow; ZIN - Zoological Institute of the Russian Academy of Sciences (St. Petersburg, Russia).

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tps_direct	ZIN number	Field Number	Sex	Locality	Habitat	PSV file	PLY file	Side	Year	ZIP
0	ZIN 107832/77	77	female	Serov-Race, Se Hill (July-August, 1995, 2001), Jani Peak of Ural Mt., Komi Republic, Russia, NEKG (N 62.08', E 50.08')	BGR	ZIN-107832-77 sin	Se-H surf	145,5 dex	2001	araneus se-h ZIN-107832-077-373a
1	ZIN 107832/81	81	female	Serov-Race, Se Hill (July-August, 1995, 2001), Jani Peak of Ural Mt., Komi Republic, Russia, NEKG (N 62.08', E 50.08')	BGR	ZIN-107832-81 sin	Se-H surf	119,6 dex	2001	araneus se-h ZIN-107832-077-373a
2	ZIN 107832/134	134	male	Serov-Race, Se Hill (July-August, 1995, 2001), Jani Peak of Ural Mt., Komi Republic, Russia, NEKG (N 62.08', E 50.08')	MDW	ZIN-107832-134 sin	Se-H surf	122,7 dex	2001	araneus se-h ZIN-107832-077-373a
3	ZIN 107832/135	135	male	Serov-Race, Se Hill (July-August, 1995, 2001), Jani Peak of Ural Mt., Komi Republic, Russia, NEKG (N 62.08', E 50.08')	MDW	ZIN-107832-135 sin	Se-H surf	121,1 sin	2001	araneus se-h ZIN-107832-077-373a
4	ZIN 107832/171	171	female	Serov-Race, Se Hill (July-August, 1995, 2001), Jani Peak of Ural Mt., Komi Republic, Russia, NEKG (N 62.08', E 50.08')	MDW	ZIN-107832-171 sin	Se-H surf	115,1 sin	2001	araneus se-h ZIN-107832-077-373a
5	ZIN 107832/189	189	male	Serov-Race, Se Hill (July-August, 1995, 2001), Jani Peak of Ural Mt., Komi Republic, Russia, NEKG (N 62.08', E 50.08')	BGR	ZIN-107832-189 sin	Se-H surf	130,8 sin	2001	araneus se-h ZIN-107832-077-373a
6	ZIN 107832/190	190	male	Serov-Race, Se Hill (July-August, 1995, 2001), Jani Peak of Ural Mt., Komi Republic, Russia, NEKG (N 62.08', E 50.08')	BGR	ZIN-107832-190 sin	Se-H surf	117,2 sin	2001	araneus se-h ZIN-107832-077-373a
7	ZIN 107832/261	261	female	Serov-Race, Se Hill (July-August, 1995, 2001), Jani Peak of Ural Mt., Komi Republic, Russia, NEKG (N 62.08', E 50.08')	BGR	ZIN-107832-261 sin	Se-H surf	128,5 dex	2001	araneus se-h ZIN-107832-077-373a
8	ZIN 107832/264	264	female	Serov-Race, Se Hill (July-August, 1995, 2001), Jani Peak of Ural Mt., Komi Republic, Russia, NEKG (N 62.08', E 50.08')	BGR	ZIN-107832-264 sin	Se-H surf	139,8 sin	2001	araneus se-h ZIN-107832-077-373a
9	ZIN 107832/265	265	female	Serov-Race, Se Hill (July-August, 1995, 2001), Jani Peak of Ural Mt., Komi Republic, Russia, NEKG (N 62.08', E 50.08')	BGR	ZIN-107832-265 sin	Se-H surf	141 sin	2001	araneus se-h ZIN-107832-077-373a
10	ZIN 107832/283	283	male	Serov-Race, Se Hill (July-August, 1995, 2001), Jani Peak of Ural Mt., Komi Republic, Russia, NEKG (N 62.08', E 50.08')	BGR	ZIN-107832-283 sin	Se-H surf	147,1 sin	2001	araneus se-h ZIN-107832-077-373a
11	ZIN 107832/284	284	male	Serov-Race, Se Hill (July-August, 1995, 2001), Jani Peak of Ural Mt., Komi Republic, Russia, NEKG (N 62.08', E 50.08')	BGR	ZIN-107832-284 sin	Se-H surf	120,4 dex	2001	araneus se-h ZIN-107832-077-373a
12	ZIN 107832/288	288	female	Serov-Race, Se Hill (July-August, 1995, 2001), Jani Peak of Ural Mt., Komi Republic, Russia, NEKG (N 62.08', E 50.08')	BGR	ZIN-107832-288 sin	Se-H surf	134,3 sin	2001	araneus se-h ZIN-107832-077-373a
13	ZIN 107832/328	328	male	Serov-Race, Se Hill (July-August, 1995, 2001), Jani Peak of Ural Mt., Komi Republic, Russia, NEKG (N 62.08', E 50.08')	MDW	ZIN-107832-328 sin	Se-H surf	127 sin	2001	araneus se-h ZIN-107832-077-373a
14	ZIN 107832/329	329	female	Serov-Race, Se Hill (July-August, 1995, 2001), Jani Peak of Ural Mt., Komi Republic, Russia, NEKG (N 62.08', E 50.08')	MDW	ZIN-107832-329 sin	Se-H surf	139,9 dex	2001	araneus se-h ZIN-107832-077-373a
15	ZIN 107832/330	330	female	Serov-Race, Se Hill (July-August, 1995, 2001), Jani Peak of Ural Mt., Komi Republic, Russia, NEKG (N 62.08', E 50.08')	MDW	ZIN-107832-330 sin	Se-H surf	151,7 sin	2001	araneus se-h ZIN-107832-077-373a
16	ZIN 107832/334	334	male	Serov-Race, Se Hill (July-August, 1995, 2001), Jani Peak of Ural Mt., Komi Republic, Russia, NEKG (N 62.08', E 50.08')	MDW	ZIN-107832-334 sin	Se-H surf	133,9 dex	2001	araneus se-h ZIN-107832-077-373a
17	ZIN 107832/335	335	male	Serov-Race, Se Hill (July-August, 1995, 2001), Jani Peak of Ural Mt., Komi Republic, Russia, NEKG (N 62.08', E 50.08')	MDW	ZIN-107832-335 sin	Se-H surf	144,6 dex	2001	araneus se-h ZIN-107832-077-373a
18	ZIN 107832/372	372	female	Serov-Race, Se Hill (July-August, 1995, 2001), Jani Peak of Ural Mt., Komi Republic, Russia, NEKG (N 62.08', E 50.08')	MDW	ZIN-107832-372 sin	Se-H surf	122,8 dex	1995	araneus se-h ZIN-107832-077-373a
19	ZIN 107832/373	373	male	Serov-Race, Se Hill (July-August, 1995, 2001), Jani Peak of Ural Mt., Komi Republic, Russia, NEKG (N 62.08', E 50.08')	BGR	ZIN-107832-373 sin	Se-H surf	138,6 dex	1995	araneus se-h ZIN-107832-077-373a
20	ZIN 107832/432	432	male	Serov-Race, Se Hill (July-August, 1995, 2001), Jani Peak of Ural Mt., Komi Republic, Russia, NEKG (N 62.08', E 50.08')	BGR	ZIN-107832-432 sin	Se-H surf	130,5 dex	1995	araneus se-h ZIN-107832-432-670a
21	ZIN 107832/435	435	female	Serov-Race, Se Hill (July-August, 1995, 2001), Jani Peak of Ural Mt., Komi Republic, Russia, NEKG (N 62.08', E 50.08')	BGR	ZIN-107832-435 sin	Se-H surf	114,4 dex	2001	araneus se-h ZIN-107832-432-670a
22	ZIN 107832/477	477	male	Serov-Race, Se Hill (July-August, 1995, 2001), Jani Peak of Ural Mt., Komi Republic, Russia, NEKG (N 62.08', E 50.08')	BGR	ZIN-107832-477 sin	Se-H surf	157,9 sin	1995	araneus se-h ZIN-107832-432-670a
23	ZIN 107832/480	480	female	Serov-Race, Se Hill (July-August, 1995, 2001), Jani Peak of Ural Mt., Komi Republic, Russia, NEKG (N 62.08', E 50.08')	BGR	ZIN-107832-480 sin	Se-H surf	140,3 sin	1995	araneus se-h ZIN-107832-432-670a
24	ZIN 107832/511	511	male	Serov-Race, Se Hill (July-August, 1995, 2001), Jani Peak of Ural Mt., Komi Republic, Russia, NEKG (N 62.08', E 50.08')	BGR	ZIN-107832-511 sin	Se-H surf	121,9 dex	1995	araneus se-h ZIN-107832-432-670a
25	ZIN 107832/512	512	female	Serov-Race, Se Hill (July-August, 1995, 2001), Jani Peak of Ural Mt., Komi Republic, Russia, NEKG (N 62.08', E 50.08')	BGR	ZIN-107832-512 sin	Se-H surf	131,5 sin	1995	araneus se-h ZIN-107832-432-670a
26	ZIN 107832/513	513	female	Serov-Race, Se Hill (July-August, 1995, 2001), Jani Peak of Ural Mt., Komi Republic, Russia, NEKG (N 62.08', E 50.08')	BGR	ZIN-107832-513 sin	Se-H surf	123,5 dex	1995	araneus se-h ZIN-107832-432-670a
27	ZIN 107832/515	515	male	Serov-Race, Se Hill (July-August, 1995, 2001), Jani Peak of Ural Mt., Komi Republic, Russia, NEKG (N 62.08', E 50.08')	BGR	ZIN-107832-515 sin	Se-H surf	147,1 dex	1995	araneus se-h ZIN-107832-432-670a
28	ZIN 107832/560	560	female	Serov-Race, Se Hill (July-August, 1995, 2001), Jani Peak of Ural Mt., Komi Republic, Russia, NEKG (N 62.08', E 50.08')	MDW	ZIN-107832-560 sin	Se-H surf	125,3 sin	2001	araneus se-h ZIN-107832-432-670a
29	ZIN 107832/560	560	male	Serov-Race, Se Hill (July-August, 1995, 2001), Jani Peak of Ural Mt., Komi Republic, Russia, NEKG (N 62.08', E 50.08')	MDW	ZIN-107832-560 sin	Se-H surf	125,3 sin	2001	araneus se-h ZIN-107832-432-670a
30	ZIN 107832/562	562	female	Serov-Race, Se Hill (July-August, 1995, 2001), Jani Peak of Ural Mt., Komi Republic, Russia, NEKG (N 62.08', E 50.08')	MDW	ZIN-107832-562 sin	Se-H surf	147,6 sin	2001	araneus se-h ZIN-107832-432-670a
31	ZIN 107832/563	563	female	Serov-Race, Se Hill (July-August, 1995, 2001), Jani Peak of Ural Mt., Komi Republic, Russia, NEKG (N 62.08', E 50.08')	MDW	ZIN-107832-563 sin	Se-H surf	120,3 dex	2001	araneus se-h ZIN-107832-432-670a
32	ZIN 107832/564	564	male	Serov-Race, Se Hill (July-August, 1995, 2001), Jani Peak of Ural Mt., Komi Republic, Russia, NEKG (N 62.08', E 50.08')	MDW	ZIN-107832-564 sin	Se-H surf	150 dex	2001	araneus se-h ZIN-107832-432-670a
33	ZIN 107832/565	565	male	Serov-Race, Se Hill (July-August, 1995, 2001), Jani Peak of Ural Mt., Komi Republic, Russia, NEKG (N 62.08', E 50.08')	BGR	ZIN-107832-565 sin	Se-H surf	116,5 dex	1995	araneus se-h ZIN-107832-432-670a
34	ZIN 107832/625	625	female	Serov-Race, Se Hill (July-August, 1995, 2001), Jani Peak of Ural Mt., Komi Republic, Russia, NEKG (N 62.08', E 50.08')	BGR	ZIN-107832-625 sin	Se-H surf	134 dex	1995	araneus se-h ZIN-107832-432-670a
35	ZIN 107832/643	643	female	Serov-Race, Se Hill (July-August, 1995, 2001), Jani Peak of Ural Mt., Komi Republic, Russia, NEKG (N 62.08', E 50.08')	BGR	ZIN-107832-643 sin	Se-H surf	137,1 sin	2001	araneus se-h ZIN-107832-432-670a
36	ZIN 107832/643	643	female	Serov-Race, Se Hill (July-August, 1995, 2001), Jani Peak of Ural Mt., Komi Republic, Russia, NEKG (N 62.08', E 50.08')	BGR	ZIN-107832-643 sin	Se-H surf	137,1 sin	2001	araneus se-h ZIN-107832-432-670a
37	ZIN 107832/644	644	female	Serov-Race, Se Hill (July-August, 1995, 2001), Jani Peak of Ural Mt., Komi Republic, Russia, NEKG (N 62.08', E 50.08')	BGR	ZIN-107832-644 sin	Se-H surf	133,1 sin	2001	araneus se-h ZIN-107832-432-670a
38	ZIN 107832/669	669	female	Serov-Race, Se Hill (July-August, 1995, 2001), Jani Peak of Ural Mt., Komi Republic, Russia, NEKG (N 62.08', E 50.08')	MDW	ZIN-107832-669 sin	Se-H surf	114,2 dex	2001	araneus se-h ZIN-107832-432-670a
39	ZIN 107832/670	670	male	Serov-Race, Se Hill (July-August, 1995, 2001), Jani Peak of Ural Mt., Komi Republic, Russia, NEKG (N 62.08', E 50.08')	MDW	ZIN-107832-670 sin	Se-H surf	112,3 sin	2001	araneus se-h ZIN-107832-432-670a
40	ZIN 107832/671	671	male	Serov-Race, Se Hill (July-August, 1995, 2001), Jani Peak of Ural Mt., Komi Republic, Russia, NEKG (N 62.08', E 50.08')	MDW	ZIN-107832-671 sin	Se-H surf	136,6 sin	2001	araneus se-h ZIN-107832-671-887a
41	ZIN 107832/672	672	female	Serov-Race, Se Hill (July-August, 1995, 2001), Jani Peak of Ural Mt., Komi Republic, Russia, NEKG (N 62.08', E 50.08')	BGR	ZIN-107832-672 sin	Se-H surf	135,5 dex	1995	araneus se-h ZIN-107832-671-887a
42	ZIN 107832/673	673	female	Serov-Race, Se Hill (July-August, 1995, 2001), Jani Peak of Ural Mt., Komi Republic, Russia, NEKG (N 62.08', E 50.08')	BGR	ZIN-107832-673 sin	Se-H surf	135,5 dex	1995	araneus se-h ZIN-107832-671-887a
43	ZIN 107832/674	674	male	Serov-Race, Se Hill (July-August, 1995, 2001), Jani Peak of Ural Mt., Komi Republic, Russia, NEKG (N 62.08', E 50.08')	BGR	ZIN-107832-674 sin	Se-H surf	134,7 dex	1995	araneus se-h ZIN-107832-671-887a
44	ZIN 107832/689	689	female	Serov-Race, Se Hill (July-August, 1995, 2001), Jani Peak of Ural Mt., Komi Republic, Russia, NEKG (N 62.08', E 50.08')	BGR	ZIN-107832-689 sin	Se-H surf	130,1 dex	1995	araneus se-h ZIN-107832-671-887a
45	ZIN 107832/729	729	male	Serov-Race, Se Hill (July-August, 1995, 2001), Jani Peak of Ural Mt., Komi Republic, Russia, NEKG (N 62.08', E 50.08')	BGR	ZIN-107832-729 sin	Se-H surf	148 dex	2001	araneus se-h ZIN-107832-671-887a
46	ZIN 107832/771	771	female	Serov-Race, Se Hill (July-August, 1995, 2001), Jani Peak of Ural Mt., Komi Republic, Russia, NEKG (N 62.08', E 50.08')	BGR	ZIN-107832-771 sin	Se-H surf	118,5 dex	2001	araneus se-h ZIN-107832-671-887a
47	ZIN 107832/772	772	male	Serov-Race, Se Hill (July-August, 1995, 2001), Jani Peak of Ural Mt., Komi Republic, Russia, NEKG (N 62.08', E 50.08')	BGR	ZIN-107832-772 sin	Se-H surf	139 dex	2001	araneus se-h ZIN-107832-671-887a
48	ZIN 107832/774	774	female	Serov-Race, Se Hill (July-August, 1995, 2001), Jani Peak of Ural Mt., Komi Republic, Russia, NEKG (N 62.08', E 50.08')	BGR	ZIN-107832-774 sin	Se-H surf	169,9 dex	2001	araneus se-h ZIN-107832-671-887a
49	ZIN 107832/777	777	female	Serov-Race, Se Hill (July-August, 1995, 2001), Jani Peak of Ural Mt., Komi Republic, Russia, NEKG (N 62.08', E 50.08')	BGR	ZIN-107832-777 sin	Se-H surf	177,5 dex	2001	araneus se-h ZIN-107832-671-887a
50	ZIN 107832/788	788	female	Serov-Race, Se Hill (July-August, 1995, 2001), Jani Peak of Ural Mt., Komi Republic, Russia, NEKG (N 62.08', E 50.08')	BGR	ZIN-107832-788 sin	Se-H surf	149,3 dex	2001	araneus se-h ZIN-107832-671-887a
51	ZIN 107832/798	798	female	Serov-Race, Se Hill (July-August, 1995, 2001), Jani Peak of Ural Mt., Komi Republic, Russia, NEKG (N 62.08', E 50.08')	BGR	ZIN-107832-798 sin	Se-H surf	146,5 sin	1995	araneus se-h ZIN-107832-671-887a
52	ZIN 107832/807	807	male	Serov-Race, Se Hill (July-August, 1995, 2001), Jani Peak of Ural Mt., Komi Republic, Russia, NEKG (N 62.08', E 50.08')	BGR	ZIN-107832-807 sin	Se-H surf	118,6 sin	2001	araneus se-h ZIN-107832-671-887a
53	ZIN 107832/810	810	male	Serov-Race, Se Hill (July-August, 1995, 2001), Jani Peak of Ural Mt., Komi Republic, Russia, NEKG (N 62.08', E 50.08')	BGR	ZIN-107832-810 sin	Se-H surf	127,5 dex	2001	araneus se-h ZIN-107832-671-887a
54	ZIN 107832/812	812	male	Serov-Race, Se Hill (July-August, 1995, 2001), Jani Peak of Ural Mt., Komi Republic, Russia, NEKG (N 62.08', E 50.08')	BGR	ZIN-107832-812 sin	Se-H surf	117,3 dex	1995	araneus se-h ZIN-107832-671-887a
55	ZIN 107832/816	816	male	Serov-Race, Se Hill (July-August, 1995, 2001), Jani Peak of Ural Mt., Komi Republic, Russia, NEKG (N 62.08', E 50.08')	MDW	ZIN-107832-816 sin	Se-H surf	127,1 sin	2001	araneus se-h ZIN-107832-671-887a
56	ZIN 107832/819	819	male	Serov-Race, Se Hill (July-August, 1995, 2001), Jani Peak of Ural Mt., Komi Republic, Russia, NEKG (N 62.08', E 50.08')	MDW	ZIN-107832-819 sin	Se-H surf	122,3 sin	2001	araneus se-h ZIN-107832-671-887a
57	ZIN 107832/819	819	male	Serov-Race, Se Hill (July-August, 1995, 2001), Jani Peak of Ural Mt., Komi Republic, Russia, NEKG (N 62.08', E 50.08')	MDW	ZIN-107832-819 sin	Se-H surf	122,3 sin	2001	araneus se-h ZIN-107832-671-887a
58	ZIN 107832/820	820	female	Serov-Race, Se Hill (July-August, 1995, 2001), Jani Peak of Ural Mt., Komi Republic, Russia, NEKG (N 62.08', E 50.08')	MDW	ZIN-107832-820 sin	Se-H surf	114,1 dex	2001	araneus se-h ZIN-107832-671-887a
59	ZIN 107832/887	887	male	Serov-Race, Se Hill (July-August, 1995, 2001), Jani Peak of Ural Mt., Komi Republic, Russia, NEKG (N 62.08', E 50.08')	BGR	ZIN-107832-887 sin	Se-H surf	119,7 dex	2001	araneus se-h ZIN-107832-671-887a
60	ZIN 107832/921	921	female	Serov-Race, Se Hill (July-August, 1995, 2001), Jani Peak of Ural Mt., Komi Republic, Russia, NEKG (N 62.08', E 50.08')	BGR	ZIN-107832-921 sin	Se-H surf	132,9 dex	2001	araneus se-h ZIN-107832-921-1073a
61	ZIN 107832/924	924	female	Serov-Race, Se Hill (July-August, 1995, 2001), Jani Peak of Ural Mt., Komi Republic, Russia, NEKG (N 62.08', E 50.08')	MDW	ZIN-107832-924 sin	Se-H surf	126,9 dex	2001	araneus se-h ZIN-107832-921-1073a
62	ZIN 107832/925	925	male	Serov-Race, Se Hill (July-August, 1995, 2001), Jani Peak of Ural Mt., Komi Republic, Russia, NEKG (N 62.08', E 50.08')	MDW	ZIN				