

**Table 1. Characteristics of IBULC collection specimen material.**

<b>Taxon rank</b>	<b>Taxon name</b>	<b>Number of species</b>	<b>Number of specimens det.</b>	<b>Representativeness* (%)</b>
Phylum	Arthropoda von Siebold, 1848			
Subphylum Chelicerata Heymons, 1901				
Class	Arachnida Cuvier, 1812			
Order	Ixodida Leach, 1815			
Family	<b>Ixodidae</b> C. L. Koch, 1844	5	50	
Family	<b>Argasidae</b> C. L. Koch, 1844	1	2	
Order	Mesostigmata G. Canestrini, 1891			
Family	<b>Aceoseiidae</b> Baker et Wharton, 1952 (sensu	47	563	
Family	<b>Ameroseiidae</b> Berlese, 1919	14	58	
Family	<b>Antennoseiidae</b> Karg, 1965	3	15	
Family	<b>Celaenopsidae</b> Berlese, 1892	1	5	
Family	<b>Dermanyssidae</b> Kolenati, 1859	2	36	
Family	<b>Epicriidae</b> Berlese, 1885	3	16	
Family	<b>Eviphididae</b> Berlese, 1913	9	62	
Family	<b>Haemogamasidae</b> Oudemans, 1926	6	77	
Family	<b>Hirstionyssidae</b> Evans et Till, 1966	5	75	
Family	<b>Laelaptidae</b> Berlese, 1892	43	712	
Family	<b>Macrochelidae</b> Vitzthum, 1930	17	108	
Family	<b>Microgyniidae</b> Tragardh, 1942	4	25	
Family	<b>Pachylaelaptidae</b> Vitzthum, 1931	9	91	
Family	<b>Parasitidae</b> Oudemans, 1901	42	735	
Family	<b>Phytoseiidae</b> Berlese, 1916	32	203	
Family	<b>Protodinychidae</b> Evans, 1957	1	2	
Family	<b>Rhodacaridae</b> Oudemans, 1902	48	762	
Family	<b>Sejidae</b> Berlese, 1895	2	28	
Family	<b>Veigaiidae</b> Oudemans, 1939	5	89	
Family	<b>Zerconidae</b> Canestrini, 1891	17	124	
Order	Sarcoptiformes Reuter, 1909			
Suborder	Oribatida Duges, 1834			
Family	<b>Achipteriidae</b> Thor, 1929	2	19	50
Family	<b>Astegistidae</b> Balogh, 1961	1	5	33
Family	<b>Autognetidae</b> Grandjean, 1960	3	15	75
Family	<b>Brachychthoniidae</b> Thor, 1934	3	8	23
Family	<b>Camisiidae</b> Oudemans, 1900	8	58	100
Family	<b>Carabodidae</b> C.L. Koch, 1843	9	81	82
Family	<b>Cepheidae</b> Berlese, 1896	1	7	33
Family	<b>Ceratozetidae</b> Jacot, 1925	6	38	46

Family	<b>Chamobatidae</b> Grandjean, 1954	2	10	50
Family	<b>Cosmochthoniidae</b> Grandjean, 1947	1	2	100
Family	<b>Ctenacaridae</b> Grandjean, 1954	1	1	100
Family	<b>Cymbaeremaeidae</b> Sellnick, 1928	1	5	100
Family	<b>Damaeidae</b> Berlese, 1896	6	45	60
Family	<b>Eniochthoniidae</b> Grandjean, 1947	1	18	100
Family	<b>Eremaeidae</b> Oudemans, 1900	3	17	100
Family	<b>Eulohmanniidae</b> Grandjean, 1931	1	1	100
Family	<b>Euphthiracaridae</b> Jacot, 1930	5	35	71
Family	<b>Euzetidae</b> Grandjean, 1954	1	3	100
Family	<b>Galumnidae</b> Jacot, 1925	5	48	56
Family	<b>Gustaviidae</b> Oudemans, 1900	1	2	100
Family	<b>Haplochthoniidae</b> van der Hammen, 1959	1	2	100
Family	<b>Hermanniellidae</b> Grandjean, 1934	2	6	50
Family	<b>Hypochthoniidae</b> Berlese, 1910	1	23	50
Family	<b>Liacaridae</b> Sellnick, 1928	3	19	50
Family	<b>Licnaremeidae</b> Grandjean, 1931	1	2	100
Family	<b>Limnozetidae</b> Grandjean, 1954	2	24	100
Family	<b>Malaconothridae</b> Berlese, 1916	3	55	75
Family	<b>Micreremidae</b> Grandjean, 1954	2	5	100
Family	<b>Mycobatidae</b> Grandjean, 1954	2	16	40
Family	<b>Nanhermanniidae</b> Sellnick, 1928	3	65	60
Family	<b>Nothridae</b> Berlese, 1896	4	32	100
Family	<b>Oppiidae</b> Grandjean, 1951	8	59	53
Family	<b>Oribatellidae</b> Jacot, 1925	1	4	25
Family	<b>Oribatulidae</b> Thor, 1929	5	8	71
Family	<b>Palaeacaridae</b> Grandjean, 1932	1	3	100
Family	<b>Pelopiidae</b> Balogh, 1943	2	3	100
Family	<b>Phenopelopidae</b> Petrunkevich, 1955	3	26	43
Family	<b>Phthiracaridae</b> Perty, 1841	8	50	67
Family	<b>Quadropiidae</b> Balogh, 1983	2	10	100
Family	<b>Scheloribatidae</b> Grandjean, 1933	6	33	75
Family	<b>Suctobelbidae</b> Jacot, 1938	8	64	57
Family	<b>Tectocephidae</b> Oudemans, 1900	2	23	67
Family	<b>Tenuialidae</b> Jacot, 1929	1	11	100
Family	<b>Thyrisomidae</b> Grandjean, 1954	1	12	50
Family	<b>Trhypochthoniellidae</b> Knülle, 1957	1	45	100
Family	<b>Trhypochthoniidae</b> Willmann, 1931	1	2	33
Family	<b>Zetorchestidae</b> Michael, 1898	1	13	100
Order	Araneae Clerck, 1757			
Family	<b>Ageleneidae</b> C. L. Koch, 1837	1	49	33
Family	<b>Anyphaenidae</b> Bertkau, 1878	1	3	100
Family	<b>Araneidae</b> Clerck, 1757	20	497	59
Family	<b>Clubionidae</b> Wagner, 1887	10	142	71
Family	<b>Dictynidae</b> O. Pickard-Cambridge, 1871	6	563	100
Family	<b>Eutichuridae</b> Lehtinen, 1967	3	58	100

Family	<b>Gnaphosidae</b> Pocock, 1898	26	956	81
Family	<b>Hahniidae</b> Bertkau, 1878	5	527	83
Family	<b>Linyphiidae</b> Blackwall, 1859	144	4462	89
Family	<b>Liocranidae</b> Simon, 1897	5	157	167
Family	<b>Lycosidae</b> Sundevall, 1833	35	8850	73
Family	<b>Mimetidae</b> Simon, 1881	1	3	50
Family	<b>Miturgidae</b> Simon, 1886	4	63	100
Family	<b>Philodromidae</b> Thorell, 1870	10	252	67
Family	<b>Phrurolithidae</b> Banks, 1892	1	28	100
Family	<b>Pisauridae</b> Simon, 1890	3	28	100
Family	<b>Salticidae</b> Blackwall, 1841	23	516	70
Family	<b>Sparassidae</b> Bertkau, 1872	1	11	100
Family	<b>Tetragnathidae</b> Menge, 1866	8	2387	62
Family	<b>Theridiidae</b> Sundevall, 1833	23	750	68
Family	<b>Thomisidae</b> Sundevall, 1833	17	1049	74
Family	<b>Uloboridae</b> Thorell, 1869	1	1	100

Class Collembola Lubbock, 1870

Order Entomobryomorpha Börner, 1913

Family	<b>Cyphoderidae</b> Nicolet, 1842	1	1	100
Family	<b>Entomobryidae</b> Schäffer, 1896	9	246	31
Family	<b>Isotomidae</b> Börner, 1913	31	337	58
Family	<b>Tomoceridae</b> Schäffer, 1896	3	10	75

Order Poduromomorpha Börner, 1913

Family	<b>Brachystomellidae</b> Stach, 1949	1	2	100
Family	<b>Hypogastruridae</b> Börner, 1913	12	85	48
Family	<b>Neanuridae</b> Börner, 1901	10	43	59
Family	<b>Odontellidae</b> Massoud, 1967	2	4	50
Family	<b>Onychiuridae</b> Lubbock, 1867	14	62	64
Family	<b>Poduridae</b> Latreille, 1804	1	14	100
Family	<b>Arrhopalitidae</b> Stach, 1956	2	8	40
Family	<b>Bourletiellidae</b> Börner, 1913 sensu Betsch, 1	4	104	50
Family	<b>Dicyrtomidae</b> Börner, 1906	3	18	100
Family	<b>Katiannidae</b> Börner, 1913	5	22	71
Family	<b>Neelidae</b> Folsom, 1896	2	19	67
Family	<b>Sminthuridae</b> Lubbock, 1862	4	14	67
Family	<b>Sminthirididae</b> Börner, 1906	5	168	62

Class Insecta Linnaeus, 1758

Order Hemiptera Linnaeus 1758

Family	<b>Acanthasomatidae</b> Stål, 1864	5	25	83
Family	<b>Anthocoridae</b> Fieber, 1836	8	75	100

Family	<b>Berytidae</b> Fieber, 1851	3	7	100
Family	<b>Coreidae</b> Leach, 1815	10	49	100
Family	<b>Corixidae</b> Leach, 1815	0	115	0
Family	<b>Cydnidae</b> Billberg, 1820	4	59	67
Family	<b>Gerridae</b> Leach, 1815	0	140	0
Family	<b>Hydrometriidae</b> Billberg, 1820	1	17	100
Family	<b>Lygaeidae</b> Schilling, 1829	64	1320	100
Family	<b>Miridae</b> Hahn, 1833	126	2160	89
Family	<b>Nabidae</b> A.Costa, 1853	4	135	57
Family	<b>Nepidae</b> Latreille, 1802	2	5	100
Family	<b>Pentatomidae</b> Leach, 1815	37	780	100
Family	<b>Pyrrhocoridae</b> Amyot & Serville, 1843	1	10	100
Family	<b>Reduviidae</b> Latreille, 1807	2	8	33
Family	<b>Rhopalidae</b> Amyot & Serville, 1843	9	119	100
Family	<b>Saldidae</b> Amyot & Serville, 1843	1	81	20
Family	<b>Scutelleridae</b> Leach, 1815	1	36	100
Family	<b>Tingidae</b> Laporte, 1832	2	37	33
Order	Hymenoptera Linnaeus 1758			
Family	<b>Formicidae</b> Latreille, 1809	15?	x???	33?
Family	<b>Tenthredinidae</b> Latreille, 1804	76	630	24
Family		?	?	
Family		?	?	
Family		?	?	
Family		?	?	
Family		?	?	
Family		?	?	
Family		?	?	
Family		?	?	
Order	Homoptera Leach, 1815			
Suborder	Auchenorrhyncha Duméril, 1806			
Family	<b>Aphrophoridae</b> Amyot & Serville, 1843	8	100	100
Family	<b>Cicadellidae</b> Latreille, 1825	2	14	1
Family	<b>Membracidae</b> Rafinesque, 1815	1	6	50
Order	Coleoptera Linnaeus, 1758			
Family	<b>Anobiidae</b> Kirby, 1837	2	2	5
Family	<b>Anthicidae</b> Latreille, 1819	2	16	15
Family	<b>Apionidae</b> Shönherr, 1823	35	219	51
Family	<b>Buprestidae</b> Leach, 1815	6	62	13
Family	<b>Byrrhidae</b> Latreille, 1804	3	40	23
Family	<b>Cantharidae</b> Imhoff, 1856	38	552	81
Family	<b>Carabidae</b> Latreille, 1802	185	2510	57
Family	<b>Cerambycidae</b> Latreille, 1802	56	490	49
Family	<b>Chrysomelidae</b> Latreille, 1802	221	1476	67

Family	<b>Cleridae</b> Latreille, 1802	3	14	33
Family	<b>Coccinellidae</b> Latreille, 1807	42	437	69
Family	<b>Curculionidae</b> Latreille, 1802	91	937	24
Family	<b>Dasytidae</b> Laporte de Castelnau, 1840	3	13	30
Family	<b>Dermestidae</b> Latreille, 1807	6	17	21
Family	<b>Dryopidae</b> Billberg, 1820	1	5	17
Family	<b>Dytiscidae</b> Leach, 1815	55	563	49
Family	<b>Elateridae</b> Leach, 1815	49	1298	62
Family	<b>Endomychidae</b> Leach, 1815	1	6	20
Family	<b>Gyrinidae</b> Latreille, 1810	7	69	64
Family	<b>Histeridae</b> Gyllenhal, 1808	13	33	22
Family	<b>Hydrophilidae</b> Latreille, 1802	11	84	22
Family	<b>Latridiidae</b> Erichson, 1842	2	22	4
Family	<b>Leiodidae</b> Fleming, 1821 (+Nemadinae (+Cat	3	16	17
Family	<b>Lucanidae</b> Latreille, 1806	3	43	50
Family	<b>Lymexylidae</b> Fleming, 1821	1	1	33
Family	<b>Meloidae</b> Gyllenhal, 1810	1	1	17
Family	<b>Mordellidae</b> Latreille, 1802	4	25	31
Family	<b>Nitidulidae</b> Latreille, 1802	5	46	6
Family	<b>Oedemeridae</b> Latreille, 1810	3	60	21
Family	<b>Pyrochroidae</b> Latreille, 1807	2	2	67
Family	<b>Pythidae</b> Blanchard, 1845	1	2	100
Family	<b>Scarabaeidae</b> Latreille, 1802	33	318	38
Family	<b>Scirtidae</b> Fleming, 1821	1	1	6
Family	<b>Scolytidae</b> Latreille, 1807	1	1	1
Family	<b>Scraptiidae</b> Mulsant, 1856	2	14	100
Family	<b>Silphidae</b> Latreille, 1807	13	137	68
Family	<b>Staphylinidae</b> Latreille, 1802 (+Molochidae)	60	265	9
Family	<b>Tenebrionidae</b> Latreille, 1802	12	60	24
Order	Diptera Linnaeus, 1758			
Suborder	Brachycera Macquart 1834			
Family	<b>Acroceridae</b> Leach, 1815	1	1	100
Family	<b>Agromyzidae</b> Fallén, 1823	65	219	55
Family	<b>Anthomyiidae</b> Latreille, 1829	8	26	38
Family	<b>Anthomyzidae</b> Czerny, 1903	13	135	100
Family	<b>Asilidae</b> Latreille, 1804	24	272	80
Family	<b>Asteiidae</b> Rondani, 1956	1	12	100
Family	<b>Athericidae</b> Nowicki, 1873	2	10	100
Family	<b>Calliphoridae</b> Robinaeu-Desvoidy 1830	20	261	95
Family	<b>Chamaemyiidae</b> Hendel, 1910	14	130	100
Family	<b>Chloropidae</b> Rondani, 1856	121	1922	100
Family	<b>Chyromyidae</b> Hendel, 1916	1	4	100
Family	<b>Clusiidae</b> Handlirsch, 1884	2	4	100
Family	<b>Coelopidae</b> Hendel, 1910	1	5	100
Family	<b>Conopidae</b> Latreille, 1802	11	113	61
Family	<b>Diastatidae</b> Hendel, 1917	2	21	100

Family	<b>Dolichopodidae</b> Latreille, 1809 (148 species)	5	144	98
Family	<b>Drosophilidae</b> Rondani, 1856	42	258	100
Family	<b>Dryomyzidae</b> Schiner, 1862	3	10	100
Family	<b>Empididae</b> Latreille, 1809	36	296	100
Family	<b>Ephydriidae</b> Zetterstedt 1837	54	597	100
Family	<b>Fanniidae</b> Schnabl & Dziedzicki, 1911	7	35	100
Family	<b>Heleomyzidae</b> Westwood, 1840	18	135	100
Family	<b>Hippoboscidae</b> Eaton, 1879	5	26	71
Family	<b>Hybotidae</b> Fallen, 1816	12	112	100
Family	<b>Lauxaniidae</b> Macquart, 1835	27	283	61
Family	<b>Lonchaeidae</b> Rondani, 1856	1	7	33
Family	<b>Micropezidae</b> Loew, 1862	10	67	100
Family	<b>Microphoridae</b> Collin, 1960	1	4	100
Family	<b>Milichiidae</b> Schiner, 1862	2	20	100
Family	<b>Muscidae</b> Latreille, 1802	41	232	82
Family	<b>Opetiidae</b> Rondani, 1856	1	1	100
Family	<b>Opomyzidae</b> Fallén, 1820	5	34	71
Family	<b>Pallopteridae</b> Loew, 1862	8	44	89
Family	<b>Phaeomyiidae</b> Verbeke, 1950	1	1	100
Family	<b>Platypezidae</b> Latreille, 1829	2	5	100
Family	<b>Platystomatidae</b> Shiner, 1862	1	11	100
Family	<b>Psilidae</b> Macquart, 1835	16	130	100
Family	<b>Rhagionidae</b> Latreille, 1802	11	108	100
Family	<b>Sarcophagidae</b> Rohdendorf, 1959	32	1649	94
Family	<b>Scathophagidae</b> Robineau-Desvoidy, 1830	26	287	93
Family	<b>Sciomyzidae</b> Fallén, 1820	58	628	94
Family	<b>Sepsidae</b> Walker, 1833	23	358	100
Family	<b>Stratiomyidae</b> Latreille, 1802	21	278	100
Family	<b>Syrphidae</b> Latreille, 1802	70	372	23
Family	<b>Tabanidae</b> Latreille, 1802	15	171	60
Family	<b>Tachinidae</b> Fleming, 1821	17	33	40
Family	<b>Tephritidae</b> Newman, 1834	45	539	100
Family	<b>Therevidae</b> Ricardo, Gertrude & Theobald 19	12	72	86
Family	<b>Ulidiidae</b> Macquart, 1835	8	118	67
Family	<b>Xylophagidae</b> Ricardo, Gertrude & Theobald	3	4	100
Suborder	Nematocera Dumeril, 1805			
Family	<b>Cecidomyiidae</b> Rubsamen, 1902	547	5500	100

\* - Representativeness is calculated as the ratio between number of IBULC species and number of species registered for the territory of Latvia in total (published or unpublished catalog data) expressed in percentage (%).