	1996	1997	1999	2000	2001
Luscinia megarhynchos	38	31	36	45	39
Sylvia atricapilla	18	17	33	37	40
Passer montanus	27	25	28	23	29
Fringilla coelebs	15	17	28	28	35
Hippolais icterina	11	13	19	19	24
Parus major	8	9	11	13	12
Lanius collurio	8	8	5	7	14
Oriolus oriolus	5	7	8	9	8
Turdus merula	6	4	10	6	7
Columba palumbus	7	5	6	5	6
Phasianus colchicus	4	7	7	6	4
Carduelis carduelis	5	2	6	6	7
Sylvia communis	5	4	5	5	7
Sturnus vulgaris	5	3	4	3	8
Carduelis chloris	5	5	3	4	4
Streptopelia turtur	4	4	4	5	3
Serinus serinus	3	4	4	1	5
Falco tinnunculus	2	1	3	1	2
Pica pica	3	0	2	1	0
Turdus philomelos	1	1	1	2	1
Asio otus	1	1	1	1	1
Acrocephalus palustris	1	0	1	1	1
Emberiza citrinella	3	1	0	0	0
Parus caeruleus	1	1	1	1	0
Motacilla alba	0	0	1	1	1
Buteo buteo	0	0	0	1	1
Sylvia nisoria	1	1	0	0	0
Dendrocopos syriacus	0	0	0	1	0
Lanius minor	0	0	0	0	1
Muscicapa striata	0	0	1	0	0

	Počet párov				
	1996	1997	1999	2000	2001
Luscinia megarhynchos	38	31	36	45	39
Sylvia atricapilla	18	17	33	37	40
Passer montanus	27	25	28	23	29
Fringilla coelebs	15	17	28	28	35
Hippolais icterina	11	13	19	19	24
Parus major	8	9	11	13	12
Lanius collurio	8	8	5	7	14
Oriolus oriolus	5	7	8	9	8
Turdus merula	6	4	10	6	7
Columba palumbus	7	5	6	5	6
Phasianus colchicus	4	7	7	6	4
Carduelis carduelis	5	2	6	6	7
Sylvia communis	5	4	5	5	7
Sturnus vulgaris	5	3	4	3	8
Carduelis chloris	5	5	3	4	4
Streptopelia turtur	4	4	4	5	3
Serinus serinus	3	4	4	1	5
Falco tinnunculus	2	1	3	1	2
Pica pica	3		2	1	
Turdus philomelos	1	1	1	2	1
Asio otus	1	1	1	1	1
Acrocephalus palustris	1		1	1	1
Emberiza citrinella	3	1			
Parus caeruleus	1	1	1	1	
Motacilla alba			1	1	1
Buteo buteo				1	1
Sylvia nisoria	1	1			
Dendrocopos syriacus				1	
Lanius minor					1
Muscicapa striata			1		

Species	Hlu1	Hlu2	Hlu3	Stu1	Stu1*
Alainites muticus (Linnaeus, 175	0	2	0	1	0
B. melanonyx (Pictet, 1843)	0	6	11	0	2
B. rhodani (Pictet, 1843)	0	158	20	42	42
B. vernus	0	0	0	0	0
Baetis alpinus (Pictet, 1843)	12	87	16	6	35
E. macani Thomas et Sowa, 197	0	0	1	0	0
E. mucronata (Bengtsson, 1909)	0	0	23	0	0
E. picteti	0	2	0	0	0
E. subalpinus Klapálek, 1905	4	7	0	10	0
E. torrentis Kimmins, 1842	0	0	0	0	0
E. venosus (Fabricius, 1775)	0	0	0	0	0
Ecdyonurus cf. parahelveticus	0	1	0	0	11
Ecdyonurus helveticus gr. juv.	1	20	29	30	13
Ecdyonurus sp. juv.	0	0	0	0	0
Epeorus sylvicola (Pictet, 1865)	0	0	19	21	1
Ephemera danica Linnaeus, 175	0	0	4	0	0
Habroleptoides confusa Sartori e	0	19	89	0	0
R. carpatoalpina Klonowska et a	0	93	56	14	28
R. gorganica Klapálek, 1907	132	2	4	17	53
R. picteti (Sowa, 1971)	0	211	38	120	79
R. semicolorata	0	0	0	1	0
Rhithrogena carpatoalpina gr. ju	4	240	478	30	24
Seratella ignita (Poda, 1761)	0	0	34	0	0

Stu2	Stu3	Kam
0	16	0
0	1	2
6	49	14
0	1	5
7	51	21
0	1	0
0	2	0
0	0	0
0	0	2
0	1	0
1	1	0
0	1	3
3	6	3
0	1	0
7	42	0
0	0	0
32	68	0
4	5	0
0	1	29
43	245	0
0	1	0
120	61	1
0	4	0

	Počet párov				
	1996	1997	1999	2000	2001
Luscinia megarhynchos	38	31	36	45	39
Sylvia atricapilla	18	17	33	37	40
Passer montanus	27	25	28	23	29
Fringilla coelebs	15	17	28	28	35
Hippolais icterina	11	13	19	19	24
Parus major	8	9	11	13	12
Lanius collurio	8	8	5	7	14
Oriolus oriolus	5	7	8	9	8
Turdus merula	6	4	10	6	7
Columba palumbus	7	5	6	5	6
Phasianus colchicus	4	7	7	6	4
Carduelis carduelis	5	2	6	6	7
Sylvia communis	5	4	5	5	7
Sturnus vulgaris	5	3	4	3	8
Carduelis chloris	5	5	3	4	4
Streptopelia turtur	4	4	4	5	3
Serinus serinus	3	4	4	1	5
Falco tinnunculus	2	1	3	1	2
Pica pica	3		2	1	
Turdus philomelos	1	1	1	2	1
Asio otus	1	1	1	1	1
Acrocephalus palustris	1		1	1	1
Emberiza citrinella	3	1			
Parus caeruleus	1	1	1	1	
Motacilla alba			1	1	1
Buteo buteo				1	1
Sylvia nisoria	1	1			
Dendrocopos syriacus				1	
Lanius minor					1
Muscicapa striata			1		

N - počet jedincov	187	171	228	232	260
S - počet druhov	25	23	25	26	24
Margalef	4.587938	4.278771	4.420422	4.589904	4.136184
Menhinick	1.828181	1.758854	1.655665	1.706984	1.488417
Nmax - druh s najv. poctom	38	31	36	45	40
d - Berger Parker index	0.203209	0.181287	0.157895	0.193966	0.153846
1 - d	0.796791	0.818713	0.842105	0.806034	0.846154

	Počet párov 1996		Shannon i
Luscinia megarhynchos	38	0.040423	-0.32382
Sylvia atricapilla	18	0.008798	-0.22531
Passer montanus	27	0.020183	-0.27942
Fringilla coelebs	15	0.006038	-0.20238
Hippolais icterina	11	0.003163	-0.16666
Parus major	8	0.00161	-0.13483
Lanius collurio	8	0.00161	-0.13483
Oriolus oriolus	5	0.000575	-0.09684
Turdus merula	6	0.000863	-0.11035
Columba palumbus	7	0.001208	-0.12298
Phasianus colchicus	4	0.000345	-0.08224
Carduelis carduelis	5	0.000575	-0.09684
Sylvia communis	5	0.000575	-0.09684
Sturnus vulgaris	5	0.000575	-0.09684
Carduelis chloris	5	0.000575	-0.09684
Streptopelia turtur	4	0.000345	-0.08224
Serinus serinus	3	0.000173	-0.0663
Falco tinnunculus	2	5.75E-05	-0.04853
Pica pica	3	0.000173	-0.0663
Turdus philomelos	1	0	-0.02797
Asio otus	1	0	-0.02797
Acrocephalus palustris	1	0	-0.02797
Emberiza citrinella	3	0.000173	-0.0663
Parus caeruleus	1	0	-0.02797
Motacilla alba		0	
Buteo buteo			
Sylvia nisoria	1	0	-0.02797
Dendrocopos syriacus		0	
Lanius minor		0	
Muscicapa striata		0	

N - počet jedincov	187		
S - počet druhov	25		
Margalef	4.587938		
Menhinick	1.828181		
Nmax - druh s najv. poctom	38		
d - Berger Parker index	0.203209		
1 - d	0.796791		
D - Simpson index		0.088034	
1 - D		0.911966	
Shannon index (ln)			2.736546
Shannon eveness			0.850156

ndex

		HLU 2	
Species	**Hlu2**	**pi**	**ln(pi)**
Alainites muticus (Linnaeus, 1758)	2	0.002358	-6.04973
B. melanonyx (Pictet, 1843)	6	0.007075	-4.95112
B. rhodani (Pictet, 1843)	158	0.186321	-1.68029
B. vernus	0	0	
Baetis alpinus (Pictet, 1843)	87	0.102594	-2.27697
E. macani Thomas et Sowa, 1970	0	0	
E. mucronata (Bengtsson, 1909)	0	0	
E. picteti	2	0.002358	-6.04973
E. subalpinus Klapálek, 1905	7	0.008255	-4.79697
E. torrentis Kimmins, 1842	0	0	
E. venosus (Fabricius, 1775)	0	0	
Ecdyonurus cf. parahelveticus	1	0.001179	-6.74288
Ecdyonurus helveticus gr. juv.	20	0.023585	-3.74715
Ecdyonurus sp. juv.	0	0	
Epeorus sylvicola (Pictet, 1865)	0	0	
Ephemera danica Linnaeus, 1758	0	0	
Habroleptoides confusa Sartori et Jacob, 1986	19	0.022406	-3.79844
R. carpatoalpina Klonowska et al., 1984	93	0.10967	-2.21028
R. gorganica Klapálek, 1907	2	0.002358	-6.04973
R. picteti (Sowa, 1971)	211	0.248821	-1.39102
R. semicolorata	0	0	
Rhithrogena carpatoalpina gr. juv.	240	0.283019	-1.26224
Seratella ignita (Poda, 1761)	0	0	
S	**13**		
N	**848**		
Shannon index (ln)			**HLU 2**
			H´ 2
			VarH Hlu2

			STU 1			
pi*ln(pi)	**pi*(ln(pi))2**	**Stu1**	**pi**	**ln(pi)**	**pi*ln(pi)**	**pi*(ln(pi))2**
-0.01427	0.086319045	1	0.003425	-5.676753802	-0.01944	0.110361
-0.03503	0.173445289	0	0		0	0
-0.31307	0.526050511	42	0.143836	-1.939084184	-0.27891	0.540829
	0	0	0		0	0
-0.2336	0.531911008	6	0.020548	-3.884994333	-0.07983	0.310134
	0	0	0		0	0
	0	0	0		0	0
-0.01427	0.086319045	0	0		0	0
-0.0396	0.18994868	10	0.034247	-3.374168709	-0.11555	0.389898
	0	0	0		0	0
	0	0	0		0	0
-0.00795	0.053616084	0	0		0	0
-0.08838	0.331158511	30	0.10274	-2.275556421	-0.23379	0.532002
0	0	0	0		0	0
0	0	21	0.071918	-2.632231365	-0.1893	0.498293
0	0	0	0		0	0
-0.08511	0.323272431	0	0		0	0
-0.2424	0.535774615	14	0.047945	-3.037696473	-0.14564	0.442419
-0.01427	0.086319045	17	0.058219	-2.843540458	-0.16555	0.470744
-0.34612	0.481454127	120	0.410959	-0.889262059	-0.36545	0.324981
0	0	1	0.003425	-5.676753802	-0.01944	0.110361
-0.35724	0.450920983	30	0.10274	-2.275556421	-0.23379	0.532002
0	0	0	0		0	0
	3.856509373					4.262025
		11				
		292				

1.791299		**STU 1**	**1.8467**
3.208753		H´ 2	3.4103
0.000756		VarH Stu1	0.002858

t	-0.921583229		
df	citatel	menovatel 1	menovatel 2
	1.30592E-05	6.73125E-10	2.79776E-08
df	455.805728		