Supplementary materials – tables and figures

What's on the Menu for the Resident Brown Trout in a Rich Limestone Stream?

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Table S1. Minimum, maximum and mean standard length (SL_{avg}) and weight (W_{avg}) by age classes. N – number of fish individuals, SE – standard error.

	0+			1+			2+			3+			4+		
SL(cm)	**N**	**min–max**	**SL_{avg} ± SE**	**N**	**min–max**	**SL_{avg} ± SE**	**N**	**min–max**	**SL_{avg} ± SE**	N	min–max	SL_{avg} ± SE	N	min–max	SL_{avg} ± SE
April	0	0	0	17	9.6–19.6	14.43 ± 0.71	11	20–23.6	21.92 ± 0.34	6	23.5–28.3	25.52 ± 0.72	4	29.2–31.5	31.4 ± 1.242
May	0	0	0	22	8.5–13.5	11.31 ± 0.28	10	17–22.7	19.27 ± 0.59	5	22.3–23.8	23.12 ± 0.30	6	23.5–29	26.37 ± 0.87
June	0	0	0	8	10.3–14	12.30 ± 0.38	8	16–22.2	18.75 ± 0.83	5	22.5–25.7	23.44 ± 0.59	3	25.3–27	26.10 ± 0.49
July	0	0	0	2	10.7–16.7	13.37 ± 0.79	3	19.5–22.3	21.33 ± 0.42	4	22.5–27	24.70 ± 0.97	5	27	27 ± 0
August	3	5.7–6	5.83 ± 0.09	14	10.5–16.2	13.96 ± 0.46	18	18.2–22.3	20.04 ± 0.28	4	23.5–24.5	24.13 ± 0.26	3	25.5–29.2	27.23 ± 1.07
September	2	6.5–7.2	6.85 ± 0.35	18	10.5–16	14.03 ± 0.32	10	17–20.2	18.65 ± 0.31	6	20.5–26	22.66 ± 0.64	3	24.6–31.5	27.37 ± 2.11
October	11	6.7–10.5	8.34 ± 0.34	10	12–15.9	14.55 ± 0.38	6	20.4–23.8	21.97 ± 0.55	1	26.9	26.90 ± 0	1	31.9	31.9 ± 0
W(g)	N	min–max	W_{avg} ± SE	N	min–max	W_{avg} ± SE	N	min–max	W_{avg} ± SE	N	min–max	W_{avg} ± SE	N	min–max	W_{avg} ± SE
April	0	0	0	17	14–99	49.35 ± 6.63	11	130–200	159.1 ± 6.16	6	243–317	274.2 ± 11.1	4	440–590	538.7 ± 49.4
May	0	0	0	22	12–45	27 ± 1.61	10	66–173	124.5 ± 10.8	5	197–222	214.2 ± 4.7	6	265–501	360.5 ± 35.8
June	0	0	0	8	23–48	33.13 ± 2.81	8	74–174	120.3 ± 13.3	5	195–241	224 ± 8.1	3	293–352	325.3 ± 17.3
July	0	0	0	2	25–76	45.143 ± 7.4	3	114–200	114 ± 13.7	4	235–300	268.3 ± 16.5	5	366	366 ± 0
August	3	3–4	3.33 ± 0.33	14	19–74	48.21 ± 5.04	18	88–200	135.8 ± 7.3	4	211–251	227.50 ± 8.8	3	273–430	340.7 ± 46.6
September	2	5	5 ± 0	18	20–68	46.44 ± 2.97	10	85–132	106.2 ± 5.5	6	170–321	212.4 ± 17.4	3	240–485	348.7 ± 72.1
October	11	5–16	9.09 ± 1.05	10	26–55	45.2 ± 3.10	6	105–221	164.5 ± 18.2	1	304	304 ± 0	1	478	478 ± 0

Table S2. Macroinvertebrate taxa identified in benthos and drift samples, present (+), absent (–).

	Benthos	**Drift**
NEMATODA	+	+
OLIGOCHAETA	+	+
CHIRONOMIDAE	+	+
HYDRACARINA	+	+
CRUSTACEA (Gammaridae)	+	+
PLATHELMINTHES	+	+
Crenobia alpina (Dana, 1766)	+	+
Dugesia lugubris Schmidt, 1861.	+	+
HIRUDINEA	+	+
Erpobdella vilnensis (Liskiewicz, 1925)	+	+
MOLLUSCA	+	+
Ancylus sp.	+	+
Pisidium sp.	+	–
DIPTERA	+	+
Tabanus sp.	+	+
Dicranoptycha sp.	+	–
Dicranota sp.	+	+
Eloeophila sp.	+	–
Hexatoma sp.	+	–
Limonidae	+	–
Neolimnomyia sp.	+	–
Pilaria sp.	+	–
Ptychoptera sp.	+	–
Sciomyzidae	+	+
Simuliidae	+	+
PLECOPTERA	+	+
Brachyptera risi (Morton, 1896)	+	+
EPHEMEROPTERA	+	+
Baetis sp.	+	+
Ephemerella sp.	+	+
Ephemera danica Müller, 1764	+	–
TRICHOPTERA	+	+
Chaetopteryx sp.	+	–
Glossosoma sp.	+	–
Goeridae	+	–
Halesus sp.	+	+
Lype sp.	+	–
Melamphophylax sp.	+	–
Plectrocnemia geniculate McLachlan, 1871	+	–

Potamophylax sp.	+	+
Rhyacophila sp.	+	+
Silo sp.	+	–
HETEROPTERA	+	+
Gerris sp.	+	–
Mesovelia sp.	–	+
Notonecta sp.	+	–
COLEOPTERA	+	+
Curculionidae	+	+
Dytiscus sp.	–	+
Eleodes sp.	–	+
Elmis aenea	+	+
Hydraena gracilis Germar, 1823	+	+
Hydrophorus sp.	–	+
Limnius sp.	–	+
Scirtidae	–	+
TERRESTRIAL	–	+
Aranea	–	+
Aphidae	–	+
Coleoptera	–	+
Colembolla	–	+
Cicadomorpha	–	+
Colembolla	–	+
Diptera	–	+
Formicidae	–	+
Hymenoptera	–	+
Heteroptera	–	+
Lepidoptera	–	+
Mecoptera	–	+
Opiliones	–	+
Psocoptera	–	+

Table 3. Number and weight of consumed prey by individual predators, minimum, maximum and average.

	Number of consumed prey				**Weight of consumed prey (g)**			
April	Age 1+	Age 2+	Age 3+	Age 4+	Age 1+	Age 2+	Age 3+	Age 4+
MIN	5	6	16	24	0.02	0.13	0.38	0.66
MAX	20	115	70	122	0.41	2.48	2.29	2.36
AVG	11.4	38.13	49.25	62	0.16	0.96	1.38	1.45
May	Age 1+	Age 2+	Age 3+	Age 4+	Age 1+	Age 2+	Age 3+	Age 4+
MIN	6	8	12	25	0.02	0.17	0.23	0.60
MAX	78	113	138	313	0.60	2.52	1.85	7.15
AVG	25	39.44	47.25	122.2	0.16	0.70	0.71	2.73
June	Age 1+	Age 2+	Age 3+	Age 4+	Age 1+	Age 2+	Age 3+	Age 4+
MIN	5	5	14	7	0.02	0.36	0.766	0.14
MAX	28	51	64	92	0.23	0.85	1.433	2.49
AVG	9.86	18	30.67	41.67	0.10	0.53	1.137	1.03
July	Age 1+	Age 2+	Age 3+	Age 4+	Age 1+	Age 2+	Age 3+	Age 4+
MIN	5	5	3	202	0.02	0.11	0.03	1.67
MAX	53	310	50	202	0.55	2.09	0.58	1.67
AVG	32.86	110	16.25	202	0.22	1	0.19	1.67
August	Age 1+	Age 2+	Age 3+	Age 4+	Age 1+	Age 2+	Age 3+	Age 4+
MIN	5	5	5	5	0.03	0.10	0.03	0.03
MAX	190	84	72	15	1.30	1.42	0.94	0.48
AVG	45.29	29.36	28.50	10	0.27	0.48	0.40	0.25
September	Age 1+	Age 2+	Age 3+	Age 4+	Age 1+	Age 2+	Age 3+	Age 4+
MIN	5	9	5	9	0.03	0.08	0.13	0.45
MAX	305	181	361	11	1.50	1.10	2.32	0.72
AVG	60	41.33	150.5	10	0.43	0.37	1.25	0.58
October	Age 1+	Age 2+	Age 3+	Age 4+	Age 1+	Age 2+	Age 3+	Age 4+
MIN	6	5	7	7	0.02	0	0	0.03
MAX	67.00	78	7	7	0.12	0.94	0.60	0.03
AVG	27.89	49.60	7	7	0.05	0.19	0.40	0.03

Table S4. Diet composition for age classes (1+, 2+, 3+, 4+) and the whole population (total), by number abundance AN_i, weight abundance AW_i, frequency of occurrence F_i, and IRI_i index, in proportion (%) of each prey category *i* in monthly samples. Prey types are sorted by total IRI results in descending order and written with abbreviations, for full naming refer to Table 2. by ordinal number of prey type.

APRIL	Age class	1+				2+				3+				4+				Total			
		10 ind				8 ind				4 ind				3 ind				25 ind			
Prey type /Proportion		AN1	AW1	F1	IRI 1	AN2	AW2	F2	IRI 2	AN3	AW3	F3	IRI3	AN4	AW4	F4	IRI4	ANt	AWt	Ft	IRIt
2	Gammaridae	81.58	94.13	90	94.03	99.34	99.87	100	99.95	99.49	99.87	100	99.9	100	100	100	100	97.01	99.43	96	99.63
9	Ephemeroptera lar.	7.89	1.34	50	2.75	0.33	0.08	12.50	0.03	0.51	0.13	25	0.08					1.37	0.18	28	0.23
10	Plecoptera lar.	5.26	3.51	50	2.61													0.75	0.29	20	0.11
6	Chironomidae & Sim.	3.51	0.57	20	0.49													0.50	0.05	8	0.02
15	Trichoptera ad.	0.88	0.32	10	0.07													0.12	0.03	4	0.00
19	Acari, Aranea & Op.					0.33	0.05	12.50	0.02									0.12	0.02	4	0.00
25	Hym. Formicidae	0.88	0.13	10	0.06													0.12	0.01	4	0.00
MAY	Age class	1+				2+				3+				4+				Total			
		11 ind				9 ind				4 ind				5 ind				29 ind			
Prey type /Proportion		AN1	AW1	F1	IRI 1	AN2	AW2	F2	IRI 2	AN3	AW3	F3	IRI3	AN4	AW4	F4	IRI4	ANt	AWt	Ft	IRIt
2	Gammaridae	84.51	92.26	100	95.53	84.51	92.26	100	95.53	88.36	86.06	100	93.53	99.18	99.32	100	99.85	84.62	94.32	89.66	95.585
9	Ephemeroptera lar.	8.73	2.14	44.44	2.61	8.73	2.14	44.44	2.61	1.06	1.82	25	0.39	0.33	0.06	20	0.04	10.07	1.66	48.28	3.375
26	Heteroptera	0.56	0.24	22.22	0.10	4.51	1.41	44.44	1.42									2.66	0.81	31.03	0.642
6	Chironomidae & Sim.	4.51	1.41	44.44	1.42	0.28	0.16	11.11	0.03									0.84	0.15	24.14	0.142
11	Trichoptera with cases					0.28	0.76	11.11	0.06									0.28	1.24	10.34	0.094
12	Trichoptera caseless	0.28	0.76	11.11	0.06	0.28	0.89	11.11	0.07					0.16	0.48	20	0.07	0.28	0.52	13.79	0.066
23	Coleoptera & Staph.	0.28	0.89	11.11	0.07	0.28	0.19	11.11	0.03					0.16	0.12	20	0.03	0.35	0.29	13.79	0.052
28	Lepidoptera lar.					0.28	1.93	11.11	0.13									0.07	0.50	3.45	0.012
19	Acari, Aranea & Op.					0.56	0.24	22.22	0.10									0.14	0.06	6.90	0.008
3	Plathelminthes & Hir.									1.59	9.00	50	2.84					0.14	0.21	3.45	0.007
10	Plecoptera lar.	0.28	0.16	11.11	0.03													0.21	0.13	3.45	0.007
17	Plecoptera ad.	0.28	0.19	11.11	0.03					8.99	3.12	50	3.25					0.07	0.05	3.45	0.002
14	Ephemeroptera ad.	0.28	0.02	11.11	0.02													0.07	0.04	3.45	0.002
18	Aq. Col. & Heter. ad.													0.16	0.01	20	0.02	0.07	0.01	3.45	0.002
16	Aq. Diptera ad.	0.28	1.93	11.11	0.13													0.07	0.004	3.45	0.002
24	Hymenoptera					0.28	0.02	11.11	0.018									0.07	0.004	3.45	0.002
JUNE	Age class	1+				2+				3+				4+				Total			
		7 ind				6 ind				3 ind				3 ind				19 ind			
Prey type /Proportion		AN1	AW1	F1	IRI 1	AN2	AW2	F2	IRI 2	AN3	AW3	F3	IRI3	AN4	AW4	F4	IRI4	ANt	AWt	Ft	IRIt
2	Gammaridae	36.23	58.17	42.86	53.00	75.93	51.87	66.67	76.93	71.74	41.83	100	79.77	94.40	96.15	100	98.37	73.86	64.36	68.42	87.75
11	Trichoptera with cases	1.45	0.59	14.29	0.38	9.26	23.83	50	14.94	11.96	31.09	33.33	10.08	0.80	1.39	33.33	0.38	5.84	16.61	31.58	6.58
3	Plathelminthes & Hir.	7.25	13.40	14.29	3.86	7.41	7.52	33.33	4.49	1.09	0.33	33.33	0.33	0.80	1.20	33.33	0.34	3.81	4.01	26.32	1.91
9	Ephemeroptera lar.	44.93	19.29	42.86	36.06	0.93	0.57	16.67	0.22									8.12	1.59	21.05	1.90
19	Acari, Aranea & Op.	2.90	3.24	28.57	2.30	0.93	0.13	16.67	0.16	1.09	1.16	33.33	0.53	0.80	0.03	33.33	0.14	1.27	0.59	26.32	0.45
23	Coleoptera & Staph.	1.45	0.15	14.29	0.30	0.93	1.67	16.67	0.39	2.17	1.41	33.33	0.84					1.02	0.94	15.79	0.29
7	Limoniidae & Ped.					0.93	0.63	16.67	0.23	2.17	4.15	33.33	1.48					0.76	1.28	10.53	0.20
14	Ephemeroptera ad.									1.09	0.33	33.33	0.33	3.20	1.23	33.33	0.76	1.27	0.49	10.53	0.17
30	Fish					0.93	8.44	16.67	1.41									0.25	2.86	5.26	0.15
12	Trichoptera caseless	5.80	5.15	28.57	4.10					2.17	5.72	33.33	1.85					1.02	0.37	10.53	0.14
1	Oligochaeta					0.93	5.32	16.67	0.94									0.25	1.81	5.26	0.10
15	Trichoptera ad.																	0.51	1.47	5.26	0.10
24	Hymenoptera									1.09	4.48	33.33	1.30					0.25	1.15	5.26	0.07
22	Diptera									1.09	3.98	33.33	1.19					0.25	1.03	5.26	0.06
27	Der., Mec., P. & N.									1.09	3.15	33.33	0.99					0.25	0.81	5.26	0.05
26	Heteroptera									1.09	1.58	33.33	0.62					0.25	0.41	5.26	0.03
6	Chironomidae & Sim.					1.85	0.03	16.67	0.28									0.51	0.01	5.26	0.03
13	Aq. Col. & Heter. lar.									1.09	0.62	33.33	0.40					0.25	0.16	5.26	0.02
25	Hym. Formicidae									1.09	0.17	33.33	0.29					0.25	0.04	5.26	0.01
JULY	Age class	1+				2+				3+				4+				Total			
		7 ind				5 ind				4 ind				1 ind				17 ind			
Prey type /Proportion		AN1	AW1	F1	IRI 1	AN2	AW2	F2	IRI 2	AN3	AW3	F3	IRI3	AN4	AW4	F4	IRI4	ANt	AWt	Ft	IRIt
2	Gammaridae	60.43	77.96	100.00	81.27	90.91	90.77	100	97.10	75.38	59.62	50	69.01	84.16	92.37	100	88.27	81.95	86.31	88.24	91.93
9	Ephemeroptera lar.	27.39	14.36	57.14	14.01	5.64	3.18	40	1.88	6.15	2.15	75	6.37	6.44	4.20	100	5.32	10.60	5.18	58.82	5.75
11	Trichoptera with cases	2.61	2.18	57.14	1.61	0.36	0.22	20	0.06	6.15	22.75	50	14.77					1.15	2.39	41.18	0.90
6	Chironomidae & Sim.	5.65	2.58	42.86	2.07	0.55	0.16	20	0.08					7.92	2.70	100	5.31	3.06	1.03	29.41	0.74
25	Hym. Formicidae	0.43	0.20	14.29	0.05	0.36	0.76	20	0.12	4.62	1.62	25	1.59					0.57	0.59	29.41	0.21
26	Heteroptera					0.91	2.58	20	0.37	3.08	2.15	25	1.34	99.01	99.82		99.41	0.67	1.62	11.76	0.17
13	Aq. Col. & Heter. lar.	1.30	0.46	42.86	0.44	0.18	0.04	20	0.02					0.99	0.18	100	0.59	0.57	0.13	17.65	0.08

3	Plathelminthes & Hir.									3.08	7.67	50	5.49					0.19	0.64	11.76	0.06
19	Acari, Aranea & Op.	0.87	1.19	28.57	0.35	0.18	0.14	20	0.03	1.54	4.04	25	1.43	0.50	0.54	100	0.52	0.48	0.72	5.88	0.04
23	Coleoptera & Staph.	0.43	0.07	14.29	0.04	0.18	0.64	20	0.09									0.19	0.37	11.76	0.04
12	Trichoptera caseless	0.43	0.93	14.29	0.11	0.18	0.22	20	0.04									0.19	0.28	11.76	0.03
22	Diptera					0.18	1.24	20	0.15									0.10	0.69	5.88	0.03
27	Der., Mec., P. & N.					0.18	0.02	20	0.02									0.10	0.01	11.76	0.01
5	Hydracarina					0.18	0.04	20	0.02									0.10	0.02	5.88	0.00
22	Diptera	0.43	0.07	14.29	0.04													0.10	0.01	5.88	0.00
AUGUST	Age class	1+				2+				3+				4+				Total			
		7 ind				11 ind				4 ind				2 ind				24 ind			
Prey type /Proportion		AN1	AW1	F1	IRI 1	AN2	AW2	F2	IRI 2	AN3	AW3	F3	IRI3	AN4	AW4	F4	IRI4	ANt	AWt	Ft	IRIt
2	Gammaridae	67.19	73.68	100	86.14	46.13	53.44	63.64	57.14	84.21	71.71	100	84.77	75	84.87	100	88.85	61.11	62.46	83.33	77.78
6	Chironomidae & Sim.	24.92	14.51	42.86	10.33	29.41	4.78	45.45	14.01	3.51	0.19	50	1.00	15	2.36	50	4.82	23.39	5.81	45.83	10.11
11	Trichoptera with cases	0.63	1.02	28.57	0.29	8.98	30.13	63.64	22.44	6.14	25.61	50	8.63					4.91	21.79	45.83	9.25
9	Ephemeroptera larvae	1.89	1.45	28.57	0.58	8.05	2.08	45.45	4.15	0.88	0.56	25	4.31		0.88	0.56		4.26	1.58	33.33	1.47
12	Trichoptera caseless	1.26	6.70	28.57	1.39	1.24	2.12	18.18	0.55						6.14	25.61		1.03	2.56	16.67	0.45
13	Aq. Col. & Heter. lar.	2.52	1.34	42.86	1.01	0.62	0.25	9.09	0.07	0.88	0.19	25	0.14					1.42	0.45	20.83	0.29
4	Mollusca	0.32	0.16	14.29	0.04	0.93	0.31	18.80	0.21	1.75	0.37	50	0.58					0.78	0.27	20.83	0.16
3	Plathelminthes & Hir.													10	12.77	50	6.33	0.26	0.71	4.17	0.03
7	Limoniidae & Ped.					0.31	0.13	9.09	0.04									0.13	0.08	4.17	0.01
18	Aq. Col. & Heter. ad.	0.32	0.16	14.29	0.04													0.13	0.03	4.17	0.01
5	Hydracarina					0.31	0.02	9.09	0.03									0.13	0.01	4.17	0.00
23	Coleoptera & Staph.					0.93	0.46	18.18	0.23									0.39	0.26	8.33	0.04
19	Acari, Aranea & Op.	0.32	0.11	14.29	0.04	1.24	0.52	27.27	0.43	0.88	0.69	25	0.21					0.78	0.43	20.83	0.19
22	Diptera					0.62	2.83	9.09	0.28									0.26	1.61	4.17	0.06
25	Hym. Formicidae	0.32	0.21	14.29	0.05	0.62	0.23	18.18	0.14									0.39	0.17	12.50	0.05
21	Gastropoda	0.32	0.64	14.29	0.08					0.88	0.44	25	0.20					0.26	0.21	8.33	0.03
24	Hymenoptera					0.31	0.13	9.09	0.04									0.13	0.08	4.17	0.01
26	Heteroptera									0.88	0.25	25	0.15					0.13	0.04	4.17	0.01
30	Fish					0.31	2.56	9.09	0.24									0.13	1.46	4.17	0.05
SEPTEMBER	Age class	1+				2+				3+				4+				Total			
		15 ind				9 ind				4 ind				2 ind				30 ind			
Prey type /Proportion		AN1	AW1	F1	IRI 1	AN2	AW2	F2	IRI 2	AN3	AW3	F3	IRI3	AN4	AW4	F4	IRI4	ANt	AWt	Ft	IRIt
2	Gammaridae	60.43	77.96	100.00	81.27	60.92	34.70	66.67	53.81	96.18	83.80	50	83.32	10	0.60	50	2.85	79.98	53.12	66.67	77.68
11	Trichoptera with cases	2.61	2.18	57.14	1.61	6.47	31.56	88.89	28.54	1.66	14.96	100	15.39	70	89.89	100	86.02	3.22	21.90	63.33	13.93
6	Chironomidae & Sim.	5.65	2.58	42.86	2.07	6.47	1.19	66.67	4.31	0.83	0.26	75	0.76					4.33	0.72	63.33	2.80
25	Hym. Formicidae	0.43	0.20	14.29	0.05	4.58	2.06	33.33	1.87	0.17	0.12	25	0.07					3.28	2.54	30.00	1.53
9	Ephemeroptera larvae	27.39	14.36	57.14	14.01	4.04	1.91	44.44	2.23	0.33	0.16	25	0.11					2.27	1.09	40.00	1.18
19	Acari, Aranea & Op.	0.87	1.19	28.57	0.35	3.77	3.25	44.44	2.64	0.33	0.52	2	0.20					1.48	1.86	40.00	1.17
23	Coleoptera & Staph.	0.43	0.07	14.29	0.04	1.08	1.02	22.22	0.39									0.79	0.97	23.33	0.36
4	Mollusca					3.50	4.84	33.33	2.35	0.17	0.10	25	0.06					0.79	1.08	16.67	0.27
30	Fish																	0.05	9.10	3.33	0.27
15	Trichoptera ad.					1.35	11.17	22.22	2.35									0.32	2.42	10.00	0.24
12	Trichoptera caseless	0.43	0.93	14.29	0.11	0.81	1.49	11.11	0.22	0.17	0.02	25	0.04	15	2.66	50	4.75	0.58	0.64	16.67	0.18
26	Heteroptera					1.62	0.75	11.11	0.22									0.53	0.58	10.00	0.10
24	Hymenoptera					0.54	0.06	11.11	0.06									0.53	0.36	6.67	0.05
22	Diptera	0.43	0.07	14.29	0.04	1.89	0.54	11.11	0.23									0.48	0.39	6.67	0.05
29	Orthoptera																	0.05	1.23	3.33	0.04
21	Gastropoda													5	6.86	100	6.38	0.05	0.50	6.67	0.03
16	Aq. Diptera ad.					0.54	0.54	11.11	0.10									0.37	0.18	6.67	0.03
18	Aq Col. & Heter. ad.					0.81	0.45	11.11	0.12									0.32	0.18	6.67	0.03
8	Tipulidae & Tab.					0.27	3.28	11.11	0.33									0.05	0.69	3.33	0.02
13	Aq. Col. & Heter. lar.	1.30	0.46	42.86	0.44					0.17	0.06	25.00	0.05					0.16	0.04	10.00	0.02
3	Plathelminthes & Hir.					0.27	0.57	11.11	0.08									0.11	0.16	6.67	0.02
27	Der., Mec., P. & N.					0.54	0.18	11.11	0.07									0.05	0.12	3.33	0.01
14	Ephemeroptera ad.																	0.11	0.04	3.33	0.004
7	Limonidae & Ped.					0.27	0.33	11.11	0.06									0.05	0.07	3.33	0.004
20	Collembola					0.27	0.12	11.11	0.04									0.05	0.03	3.33	0.002
OCTOBER	Age class	1+				2+				3+				4+				Total			
		9 ind				5 ind				1 ind				1 ind				16 ind			
Prey type /Proportion		AN1	AW1	F1	IRI 1	AN2	AW2	F2	IRI 2	AN3	AW3	F3	IRI3	AN4	AW4	F4	IRI4	ANt	AWt	Ft	IRIt
2	Gammaridae	41.43	66.46	44.44	41.25	68.95	69.38	80	76.87					100	100	100	100	54.97	67.79	42.86	60.03
6	Chironomidae & Sim.	46.22	16.81	100	54.21	27.82	7.12	80	19.42	71.43	25.00	100	48.21					37.04	11.57	66.67	36.98
11	Trichoptera with cases	0.40	0.88	11.11	0.12	2.02	22.94	20	3.47									1.17	12.54	9.52	1.49

15	Trichoptera ad.	4.38	8.66	22.22	2.49										2.14	3.91	9.52	0.66
8	Tipulidae & Tab.	0.40	3.24	11.11	0.35					14.29	46.88	100	30.58		0.39	1.86	9.52	0.24
27	Der., Mec., P. & N.	1.99	0.71	33.33	0.77										0.97	0.32	14.29	0.21
9	Ephemeroptera lar.	0.40	0.65	11.11	0.10	0.40	0.45	20	0.12						0.39	0.53	9.52	0.10
13	Aq. Col. & Heter. lar.	1.20	0.29	11.11	0.14	0.40	0.01	20	0.06						0.78	0.14	9.52	0.10
12	Trichoptera cassless	0.80	1.36	11.11	0.21										0.39	0.61	4.76	0.05
16	Aq. Diptera ad.	1.20	0.24	11.11	0.14										0.58	0.11	4.76	0.04
28	Lepidoptera lar.									14.29	28.13	100	21.21		0.19	0.24	4.76	0.02
22	Diptera	0.40	0.41	11.11	0.08										0.19	0.19	4.76	0.02
4	Mollusca	0.40	0.12	11.11	0.05										0.19	0.05	4.76	0.01
19	Acari, Aranea & Op.					0.40	0.10	20	0.07						0.19	0.05	4.76	0.01
23	Coleoptera & Staph.	0.40	0.12	11.11	0.05										0.19	0.05	4.76	0.01
14	Ephemeroptera ad.	0.40	0.06	11.11	0.04										0.19	0.03	4.76	0.01

Table S5. Terrestrial prey proportion (AN, AW, F) and relative prey importance (IRI) in diet of brown trout by age classes and for the whole population.

APRIL	**AN**	**AW**	**F**	**IRI**
Age 1+	**0.88**	**0.13**	10	**0.06**
Age 2+	0.33	0.05	**12.5**	0.02
Age 3+	0	0	0	0
Age 4+	0	0	0	0
Whole population	0.25	0.03	8	0.01
MAY	AN	AW	F	IRI
Age 1+	2.91	3.60	36.36	1.28
Age 2+	5.92	**3.79**	**55.56**	**2.91**
Age 3+	**8.99**	3.12	22.22	1.44
Age 4+	**8.99**	3.12	20	1.22
Whole population	3.29	1.66	51.72	1.30
JUNE	AN	AW	F	IRI
Age 1+	4.35	3.39	14.29	1.45
Age 2+	1.85	1.79	16.67	0.55
Age 3+	**8.70**	**15.92**	16.67	**2.88**
Age 4+	0.80	0.03	**33.33**	0.14
Whole population	3.55	4.97	26.32	1.20
JULY	AN	AW	F	IRI
Age 1+	1.74	1.46	42.86	0.80
Age 2+	2.00	5.37	60	2.36
Age 3+	**9.23**	**7.81**	40	**6.97**
Age 4+	0.50	0.54	**100**	0.52
Whole population	2.10	4.01	52.94	1.74
AUGUST	AN	AW	F	IRI
Age 1+	0.95	0.97	42.86	0.50
Age 2+	**3.72**	**4.17**	36.36	**2.59**
Age 3+	2.63	1.37	**50**	1.15
Age 4+	0	0	0	0
Whole population	2.33	2.80	37.50	1.03
SEPTEMBER	AN	AW	F	IRI
Age 1+	9.22	**15.52**	53.33	7.75
Age 2+	**13.75**	7.79	**55.56**	**10.13**
Age 3+	0.50	0.64	25.00	0.26
Age 4+	5.00	6.86	50	3.19
Whole population	7.29	8.58	50	**4.70**
OCTOBER	AN	AW	F	IRI
Age 1+	2.79	1.24	**44.44**	1.54
Age 2+	0.40	0.10	20	0.07
Age 3+	**14.29**	**28.13**	20	**4.24**
Age 4+	0	0	0	0
Whole population	1.75	0.85	28.57	0.39

Table S6. Electivity index estimated by comparison of prey proportions of macrozoobenthos and diet samples and drift and diet samples. In the table positive (+, >0.3), neutral (0, –0.3–0.3) and negative (–, <–0.3) prey selection is presented for the population level.

		April	May	June	July	August	September	October
MZB	+	**Gammaridae**, Plecoptera, Ephemeroptera larvae, Chironomidae & Simuliidae,	Ephemeroptera lar., Plecoptera	Limonidae & Pedicidae, Trichoptera larvae	Ephemeroptera lar., Trichoptera caseless, Hydracarina,	Trichoptera with cases, Aq. Coleoptera & Heteroptera larvae and adults, Ephemeroptera larvae	**Gammaridae**, Mollusca, Chironomidae & Simuliidae, Trichoptera with cases, Ephemeroptera larvae, Aq. Coleoptera & Heteroptera larvae, Limoniidae & Pediciidae, Tipulidae & Tabanidae,	Chironomidae & Simuliidae, Trichoptera larvae, Tipulidae & Tabanidae, Aq.. Coleoptera & Heteroptera larvae, Ephemeroptera larvae
	0		Plathelminthes & Hirudinea, Trichoptera caseless	Plathelminthes & Hirudinea, Aq. Coleoptera & Heteroptera adults	Aq. Coleoptera & Heteroptera adults, Trichoptera with cases			
	–	Oligochaeta, Plathelminthes & Hirudinea, Mollusca, Trichoptera larvae, Aq. Coleoptera & Heteroptera larvae	**Gammaridae**, Chironomidae & Simuliidae, Aq. Coleoptera larvae and adults, Oligochaeta, Mollusca, Limonidae & Pedicidae	**Gammaridae**, Oligochaeta, Chironomidae & Simuliidae, Mollusca	**Gammaridae**, Chironomidae & Simuliidae, Mollusca, Plathelminthes & Hirudinea, Aq. Coleoptera & Heteroptera lar.	**Gammaridae**, Oligochaeta, Plathelminthes & Hirudinea, Hydracarina Limonidae & Pedicidae, Tipulidae & Tabanidae, Mollusca, Chironomidae & Simuliidae, Trichoptera caseless	Plathelminthes & Hirudinea, Oligochaeta, Trichoptera caseless, Aq. Coleoptera & Heteroptera adults	**Gammaridae,** Mollusca, Oligochaeta, Plathelminthes & Hirudinea, Limonidae & Pedicidae, Aq. Coleoptera & Heteroptera adults
DRIFT	+	Plecoptera, Acari, Aranea & Opiliones, Formicidae	Heteroptera, Trichoptera caseless, Plecoptera, Ephemeroptera larvae, Acari, Aranea & Opiliones, Coleoptera & Staphylinidae, Hymenoptera, Lepidoptera larvae	Ephemeroptera larvae, Trichoptera larvae, Acari, Aranea & Opiliones, Ter. Diptera adult, Hymenoptera	Ephemeroptera larvae, Trichoptera larvae, Heteroptera, Coleoptera & Staphylinidae	Trichoptera larvae, Chironomidae & Simuliidae, Ter Coleoptera & Staphylinidae, Hymenoptera, Mollusca	Chironomidae & Simuliiidae, Formicidae, Acari, Aranea & Opiliones, Ephemeroptera larvae, Mollusca, Ter Coleoptera & Staphylinidae, Ter. Diptera, Hymenoptera, Heteroptera	Chironomidae & Simuliidae, Ephemeroptera larvae
	0	**Gammaridae**	Trichoptera with cases	Plathelminthes & Hirudinea, Limonidae & Pedicidae, Coleoptera & Staphylinidae, Formicidae	**Gammaridae**, Formicidae, Hydracarina, Plathelminthes & Hirudinea, Chironomidae & Simuliidae, Aq. Coleoptera & Heteroptera adults	Ephemeroptera larvae, Formicidae, Aq. Coleoptera & Heteroptera larvae	Trichoptera larvae, Aq. Coleoptera & Heteroptera adults	
	–	Plathelminthes & Hirudinea, Chironomidae & Simuliidae, Trichoptera with cases, Ephemeroptera larvae, Aq. Coleoptera & Heteroptera	**Gammaridae,** Chironomidae & Simuliidae, Plathelminthes & Hirudinea, Oligochaeta, Mollusca, Hydracarina, Aq. Coleoptera larvae and adults	**Gammaridae**, Chironomidae & Simuliidae, Heteroptera, Aq. Coleoptera & Heteroptera adults, Oligochaeta, Mollusca, Aq. Coleoptera larvae	Aq. Coleoptera larvae, Hymenoptera, Terr. Diptera, Lepidoptera larvae	**Gammaridae**, Plathelminthes & Hirudinea, Hydracarina, Aq. Coleoptera & Heteroptera adults Acari, Aranea & Opiliones, Terr. Diptera Heteroptera	**Gammaridae**, Aq. Coleoptera & Heteroptera larvae, Plathelminthes & Hirudinea, Oligochaeta, Hydracarina	**Gammaridae**, Aq. Coleoptera & Heteroptera larvae, Trichoptera larvae, Oligochaeta, Plathelminthes & Hirudinea, Mollusca Limonidae & Pedicidae, Tipulidae & Tabanidae

Table S7. Electivity index for the age classes 1+, 2+, 3+ and 4+, positive (+, >0.3), neutral (0, –0.3–0.3) and negative (–, <–0.3).

AGE 1+		April	May	June	July	August	September	October
MZB	+	Plecoptera larvae Chironominidae & Simuliidae Ephemeroptera larvae	Ephemeroptera larvae Plecoptera larvae	Ephemeroptera larvae Trichoptera larvae	Ephemeroptera larvae Trichoptera caseless	Trichoptera larvae Aq Coleoptera & Heteroptera larvae Ephemeroptera larvae	Trichoptera larvae Ephemeroptera larvae Aq Coleoptera & Heteroptera larvae	Ephemeroptera larvae Chironomidae & Simuliidae Tipulidae & Tabanidae Aq Coleoptera & Heteroptera larvae Trichoptera caseless
	0	Gammaridae	Chironomidae & Simuliidae Trichoptera caseless	Plathelminthes & Hirudinea	Trichoptera with cases		Chironomidae & Simuliidae	Trichoptera with cases
	–	Oligochaeta Plathelminthes & Hirudinea Mollusca Limonidae & Pedicidae Trichoptera larvae Aq Coleoptera & Heteroptera larvae and adults	Gammaridae Oligochaeta Plathelminthes & Hirudinea Mollusca Limonidae & Pedicidae Aq Coleoptera & Heteroptera larvae and adults	Gammaridae Oligochaeta Mollusca Chironomidae & Simuliidae Limonidae & Pedicidae Tipulidae & Tabanidae Aq Coleoptera & Heteroptera larvae	Gammaridae Oligochaeta Plathelminthes & Hirudinea Mollusca Chironomidae & Simuliidae Aq Coleoptera & Heteroptera larvae and adults	Gammaridae Oligochaeta Plathelminthes & Hirudinea Mollusca Chironomidae & Simuliidae Limonidae & Pedicidae Tipulidae & Tabanidae Aq Coleoptera & Heteroptera adults	Gammaridae Oligochaeta Plathelminthes & Hirudinea Mollusca	Gammaridae Oligochaeta Plathelminthes & Hirudinea Mollusca Limonidae & Pedicidae Aq Coleoptera & Heteroptera adults
DRIFT	+	Plecoptera larvae Formicidae	Plecoptera larvae Trichoptera caseless Ephemeroptera larvae Terr. Coleoptera & Staphylinidae	Ephemeroptera larvae Trichoptera caseless Acari, Aranea & Opiliones	Ephemeroptera larvae Trichoptera larvae Aq Coleoptera & Heteroptera larvae Acari, Aranea & Opiliones Coleoptera & Staphylinidae	Chironomidae & Simuliidae Trichoptera caseless Mollusca	Chironomidae & Simuliidae Ephemeroptera larvae Terr. Diptera Coleoptera & Staphylinidae	Chironomidae & Simuliidae Ephemeroptera larvae Trichoptera adults Aq Coleoptera & Heteroptera adults Aq Diptera adults Dermaptera, Psocoptera Terr. Diptera Coleoptera & Staphylinidae
	0		Heteroptera	Plathelminthes & Hirudinea	Chironomidae & Simuliidae Formicidae	Aq Coleoptera & Heteroptera larvae Trichoptera with cases Formicidae Ephemeroptera larvae	Gammaridae Trichoptera with cases Aq Coleoptera & Heteroptera larvae Acari, Aranea & Opiliones Trichoptera caseless Formicidae	
	–	Gammaridae Oligochaeta Plathelminthes & Hirudinea Hydracarina Chironomidae & Simuliidae Ephemeroptera larvae Trichoptera with cases Aq Coleoptera & Heteroptera larvae and adults	Gammaridae Oligochaeta Plathelminthes & Hirudinea Mollusca Hydracarina Chironomidae & Simuliidae Tipulidae & Tabanidae Trichoptera with cases Aq Coleoptera & Heteroptera larvae and adults	Gammaridae Oligochaeta Mollusca Chironomidae & Simuliidae Limonidae & Pedicidae Trichoptera with cases Aq Coleoptera & Heteroptera larvae and adults Coleoptera & Staphylinidae Formicidae Heteroptera	Gammaridae Oligochaeta Mollusca Plathelminthes & Hirudinea Aq Coleoptera & Heteroptera adults Collembola Terr Diptera Hymenoptera Heteroptera Dermaptera & Mecoptera, Psocoptera, Neuroptera Lepidoptera larvae	Gammaridae Acari, Aranea & Opiliones Aq Coleoptera & Heteroptera adults Plathelminthes & Hirudinea Hydracarina Terr. Diptera Heteroptera	Plathelminthes & Hirudinea Hydracarina Aq Coleoptera & Heteroptera adults	Gammaridae Tipulidae & Tabanidae Trichoptera caseless Aq Coleoptera & Heteroptera larvae Mollusca Trichoptera with cases Plathelminthes & Hirudinea Hydracarina

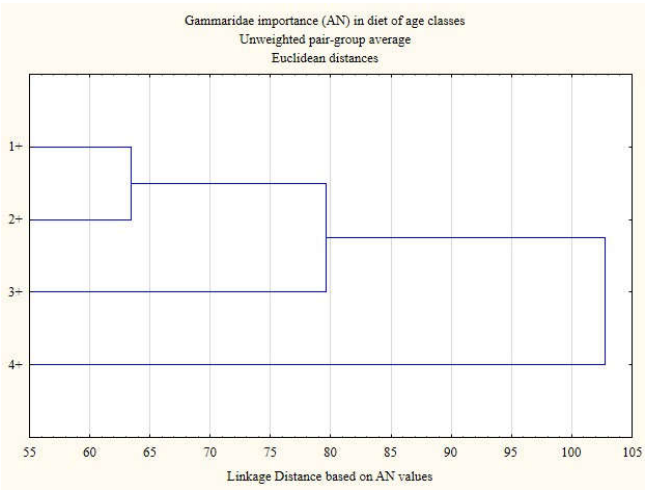
AGE 2+		April	May	June	July	August	September	October
MZB	+	Gammaridae	Ephemeroptera larvae	Plathelminthes & Hirudinea	Ephemeroptera larvae	Trichoptera larvae	Mollusca	Chironomidae & Simuliidae

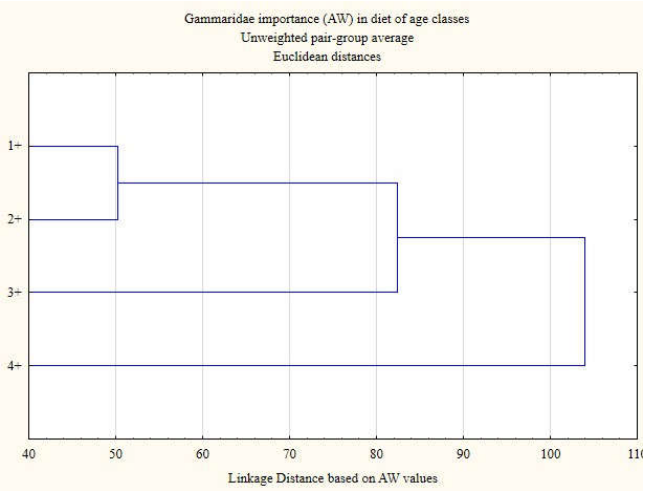
			Trichoptera larvae	Limonidae & Pedicidae Ephemeroptera larvae Trichoptera with cases	Hydracarina Trichoptera caseless	Ephemeroptera larvae	Trichoptera larvae Limonidae & Pedicidae Tipulidae & Tabanidae Ephemeroptera larvae Aq Coleoptera & Heteroptera larvae and adults	Trichoptera with cases Aq Coleoptera & Heteroptera larvae Ephemeroptera larvae
	0	Ephemeroptera larvae		Oligochaeta Chironomidae & Simuliidae	Aq Coleoptera & Heteroptera adults	Aquatic Coleoptera & Heteroptera larvae	Chironomidae & Simuliidae	
	–	Oligochaeta Plathelminthes & Hirudinea Mollusca Chironomidae & Simuliidae Limonidae & Pedicidae Trichoptera larvae Aq Coleoptera & Heteroptera larvae and adults	Gammaridae Oligochaeta Plathelminthes & Hirudinea Mollusca Chironomidae & Simuliidae Limonidae & Pedicidae Plecoptera Aq Coleoptera & Heteroptera larvae and adults	Gammaridae Mollusca Tipulidae & Tabanidae Trichoptera caseless Aq Coleoptera & Heteroptera larvae and adults	Gammaridae Plathelminthes & Hirudinea Mollusca Chironomidae & Simuliidae Aq Coleoptera & Heteroptera larvae Trichoptera with cases	Gammaridae Oligochaeta Plathelminthes & Hirudinea Mollusca Hydracarina Chironomidae & Simuliidae Limonidae & Pedicidae Tipulidae & Tabanidae Aquatic Coleoptera & Heteroptera adults	Gammaridae Oligochaeta Plathelminthes & Hirudinea	Gammaridae Oligochaeta Plathelminthes & Hirudinea Mollusca Limonidae & Pedicidae Tipulidae & Tabanidae Aq Coleoptera & Heteroptera adults
DRIFT	+	Gammaridae Acari, Aranea & Opiliones	Heteroptera Trichoptera caseless Acari, Aranea & Opiliones Coleoptera & Staphylinidae Hymenoptera Lepidoptera larvae	Trichoptera with cases Plathelminthes & Hirudinea Acari, Aranea & Opiliones Ter. Diptera adults Dermaptera & Mecoptera, Psocoptera, Neuroptera	Heteroptera Hydracarina Trichoptera caseless Dermaptera & Mecoptera, Psocoptera, Neuroptera	Trichoptera larvae Chironomidae & Simuliidae Mollusca Limonidae & Pedicidae Tipulidae & Tabanidae Coleoptera & Staphylinidae Hymenoptera	Chironomidae & Simuliidae Formicidae Acari, Aranea & Opiliones Trichoptera with cases Mollusca Limonidae & Pedicidae Tipulidae & Tabanidae Ephemeroptera larvae Collembola Terr. Diptera Coleoptera & Staphylinidae Hymenoptera Heteroptera	Chironomidae & Simuliidae Ephemeroptera larvae Acari, Aranea & Opiliones
	0	Ephemeroptera larvae	Ephemeroptera larvae Trichoptera with cases	Limonidae & Pedicidae Ephemeroptera larvae Coleoptera & Staphylinidae Chironomidae & Simuliidae	Gammaridae Ephemeroptera larvae Formicidae Trichoptera with cases Terr. Diptera	Ephemeroptera larvae Formicidae Terr. Diptera	Trichoptera caseless	
	–	Gammaridae Chironomidae & Simuliidae Oligochaeta Plathelminthes & Hirudinea Hydracarina Plecoptera Trichoptera with cases Aq Coleoptera & Heteroptera larvae and adults	Oligochaeta Chironomidae & Simuliidae Plathelminthes & Hirudinea Mollusca Hydracarina Tipulidae & Tabanidae Plecoptera larvae Aq Coleoptera & Heteroptera larvae and adults	Gammaridae Oligochaeta Mollusca Trichoptera caseless Aq Coleoptera & Heteroptera larvae and adults	Aq Coleoptera & Heteroptera larvae and adults Chironomidae & Simuliidae Plathelminthes & Hirudinea Acari, Aranea & Opiliones Collembola Hymenoptera Lepidoptera larvae	Gammaridae Acari, Aranea & Opiliones Hydracarina Plathelminthes & Hirudinea Aq Coleoptera & Heteroptera larvae and adults Heteroptera	Gammaridae Hydracarina Aq Coleoptera & Heteroptera larvae and adults Plathelminthes & Hirudinea	Gammaridae Oligochaeta Plathelminthes & Hirudinea Mollusca Hydracarina Tipulidae & Tabanidae Trichoptera larvae Aq Coleoptera & Heteroptera larvae and adluts

AGE 3+		April	May	June	July	August	September	October
MZB	+	Gammaridae	Plathelminthes & Hirudinea	Limonidae & Pedicidae Plathelmithes & Hirudinea Trichoptera larvae Aq Coleoptera & Heteroptera adults	Ephemeroptera larvae Trichoptera with cases	Trichoptera with cases Ephemeroptera larvae	Gammaridae Ephemeroptera larvae Trichoptera with cases Aq Coleoptera & Heteroptera larvae	Tipulidae & Tabanidae
	0	Ephemeroptera larvae	Ephemeroptera larvae			Mollusca Aq Coleoptera & Heteroptera larvae	Mollusca Chironomidae & Simuliidae	Chironomidae & Simuliidae
	–	Oligochaeta Plathelminthes & Hirudinea Mollusca Chironomidae & Simuliidae Limonidae & Pedicidae Trichoptera larvae Aq Coleoptera & Heteroptera larvae and adults	Gammaridae Oligochaeta Mollusca Chironomidae & Simuliidae Limonidae & Pedicidae Plecoptera larvae Trichoptera caseless Aq Coleoptera & Heteroptera larvae and adults	Gammaridae Oligochaeta Mollusca Plathelminthes & Hirudinea Chironomidae & Simuliidae Tipulidae & Tabanidae Aq Coleoptera & Heteroptera larvae	Gammaridae Plathelminthes & Hirudinea Mollusca Chironomidae & Simuliidae Aq Coleoptera & Heteroptera larvae and adults	Gammaridae Oligochaeta Plathelminthes & Hirudinea Hydracarina Chironomidae & Simuliidae Limonidae & Pedicidae Tipulidae & Tabanidae Trichoptera caseless	Oligochaeta Plathelminthes & Hirudinea Hydracarina Trichoptera caseless Aq Coleoptera & Heteroptera adults	Gammaridae Oligochaeta Plathelminthes & Hirudinea Mollusca Limonidae & Pedicidae Trichoptera with cases Aq Coleoptera & Heteroptera larvae
DRIFT	+	Gammaridae	Gammaridae Ephemeroptera larvae Plathelminthes & Hirudinea	Trichoptera larvae Acari, Aranea & Opiliones Hymenoptera	Formicidae Trichoptera with cases Plathelminthes & Hirudinea Heteroptera Acari, Aranea & Opiliones	Trichoptera with cases Chironomidae & Simuliidae Mollusca	Chironomidae & Simuliidae Trichoptera with cases Mollusca Ephemeroptera larvae	Chironomidae & Simuliidae, Tipulidae & Tabanidae Lepidoptera larvae
	0	Ephemeroptera larvae		Limonidae & Pedicidae Coleoptera & Staphylinidae Formicidae Aq Coleoptera & Heteroptera adults	Ephemeroptera larvae	Aq Coleoptera & Heteroptera larvae Heteroptera	Gammaridae Trichoptera caseless Aq Coleoptera & Heteroptera larvae Formicidae	
	–	Oligochaeta Plathelminthes & Hirudinea Hydracarina Chironomidae & Simuliidae Plecoptera Trichoptera with cases Aq Coleoptera & Heteroptera larvae and adults	Oligochaeta Mollusca Hydracarina Chironomidae & Simuliidae Tipulidae & Tabanidae Plecoptera larvae Trichoptera larvae Aq Coleoptera & Heteroptera larvae and adults	Gammaridae Plathelminthes & Hirudinea Oligochaeta Mollusca Chironomidae & Simuliidae Ephemeroptera larvae Aq Coleoptera & Heteroptera larvae	Gammaridae Hydracarina Chironomidae & Simuliidae Trichoptera caseless Aq Coleoptera & Heteroptera larvae and adults Collembola Terr. Diptera Hymenoptera Dermaptera & Mecoptera, Psocoptera, Neuroptera Lepidoptera larvae	Gammaridae Acari, Aranea & Opiliones Aq Coleoptera & Heteroptera adults Plathelminthes & Hirudinea Hydracarina Ephemeroptera larvae Trichoptera caseless Terr. Diptera Hymenoptera Formicidae	Plathelminthes & Hirudinea Hydracarina Aq Coleoptera & Heteroptera adults Acari, Aranea & Opiliones	Gammaridae Plathelminthes & Hirudinea Mollusca Hydracarina Ephemeroptera larvae Trichoptera larvae Aq Coleoptera & Heteroptera larvae

AGE 4+		April	May	June	July	August	September	October
MZB	+	Gammaridae	Trichoptera caseless Gammaridae	Trichoptera with cases	Ephemeroptera larvae	Plathelminthes & Hirudinea	Gammaridae Trichoptera larvae	Gammaridae
	0		Ephemeroptera larvae		Aq Coleoptera & Heteroptera adults			
	–	Oligochaeta Plathelminthes & Hirudinea Mollusca Chironomidae & Simuliidae Limonidae & Pedicidae Ephemeroptera larvae Trichoptera larvae Aq Coleoptera & Heteroptera larvae and adults	Oligochaeta Plathelminthes & Hirudinea Mollusca Chironomidae & Simuliidae Limonidae & Pedicidae Plecoptera larvae Aq Coleoptera & Heteroptera larvae and adults	Gammaridae Oligochaeta Plathelminthes & Hirudinea Mollusca Ephemeroptera larvae Chironomidae & Simuliidae Limonidae & Pedicidae Tipulidae & Tabanidae Trichoptera caseless	Gammaridae Plathelminthes & Hirudinea Mollusca Chironomidae & Simuliidae Trichoptera with cases Aq Coleoptera & Heteroptera larvae	Gammaridae Oligochaeta Mollusca Hydracarina Chironomidae & Simuliidae Limonidae & Pedicidae Tipulidae & Tabanidae Ephemeroptera larvae Trichoptera larvae Aq Coleoptera & Heteroptera larvae	Oligochaeta Plathelminthes & Hirudinea Mollusca Chironomidae & Simuliidae Limonidae & Pedicidae Tipulidae & Tabanidae Aq Coleoptera & Heteroptera adults	Oligochaeta Plathelminthes & Hirudinea Mollusca Chironomidae & Simuliidae Limonidae & Pedicidae Tipulidae & Tabanidae Trichoptera with cases Aq Coleoptera & Heteroptera larvae and adults

				Aq Coleoptera & Heteroptera larvae and adults					
	+	Gammaridae	Gammaridae Trichoptera caseless Coleoptera & Stapylinidae	Gammaridae Plathelminthes & Hirudinea Trichoptera with cases Acari, Aranea & Opiliones	Gammaridae Chironomidae & Simuliidae Ephemeroptera larvae Aq Coleoptera & Heteroptera adults Acari, Aranea & Opiliones	Plathelminthes & Hirudinea Chironomidae & Simuliidae	Trichoptera larvae	Gammaridae
	0		Ephemeroptera larvae					
DRIFT	–	Oligochaeta Plathelminthes & Hirudinea Hydracarina Chironomidae & Simuliidae Ephemeroptera larvae Plecoptera Trichoptera with cases Aq Coleoptera & Heteroptera larvae	Oligochaeta Plathelminthes & Hirudinea Hydracarina Chironomidae & Simuliidae Tipulidae & Tabanidae Plecoptera larvae Trichoptera with cases Heteroptera Aq Coleoptera & Heteroptera larvae and adults	Oligochaeta Mollusca Chironomidae & Simuliidae Limonidae & Pedicidae Ephemeroptera larvae Trichoptera caseless Aq Coleoptera & Heteroptera larvae and adults Terr. Diptera Coleoptera & Staphylinidae Heteroptera Formicidae	Plathelminthes & Hirudinea Hydracarina Trichoptera larvae Aq Coleoptera larvae Collembola Terr. Diptera Hymenoptera Formicidae Heteroptera Dermaptera & Mecoptera, Psocoptera, Neuroptera Lepidoptera larvae	Gammaridae Hydracarina Ephemeroptera larvae Trichoptera larvae Aq Coleoptera & Heteroptera larvae and adults Acari, Aranea & Opiliones Terr. Diptera Formicidae Heteroptera	Gammaridae Plathelminthes & Hirudinea Mollusca Hydracarina Chironomidae & Simuliidae Limonidae & Pedicidae Tipulidae & Tabanidae Ephemeroptera larvae Aq Coleoptera & Heteroptera larvae and adults Acari, Aranea & Opiliones	Plathelminthes & Hirudinea Mollusca Hydracarina Chironomidae & Simuliidae Tipulidae & Tabanidae Trichoptera larvae Aq Coleoptera & Heteroptera larvae





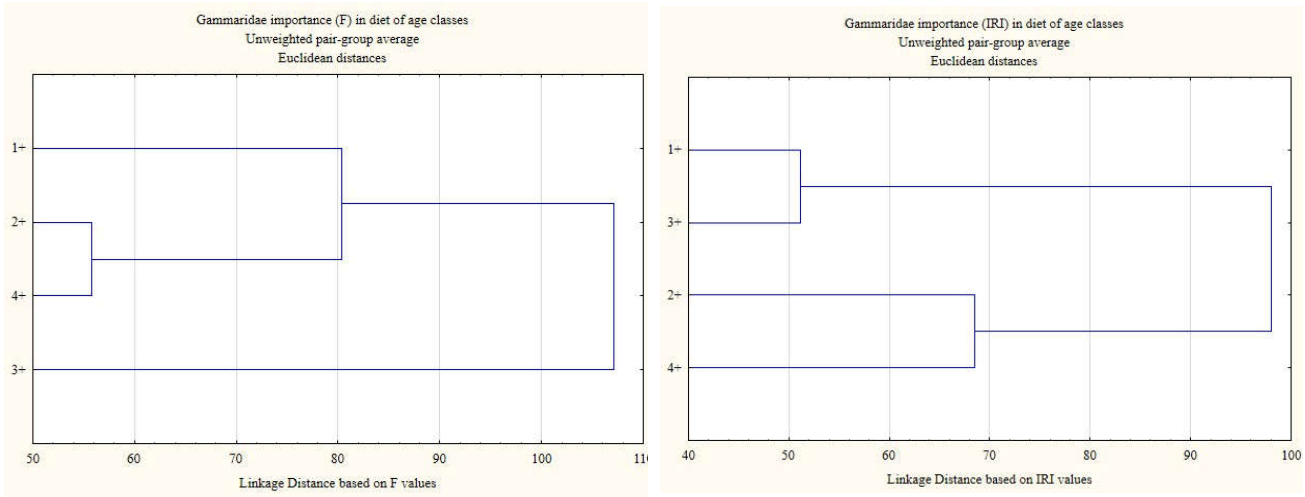


Figure S1. Dendogram of similarity between age classes based on consumption of Gammaridae (AN, AW, F, IRI).

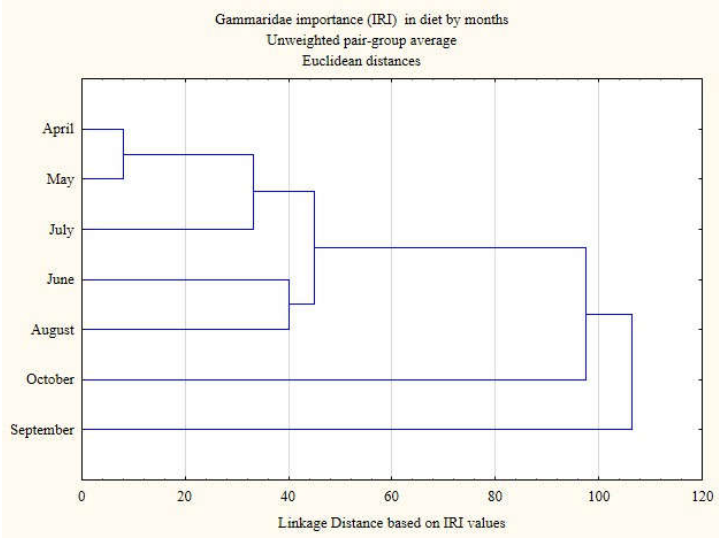
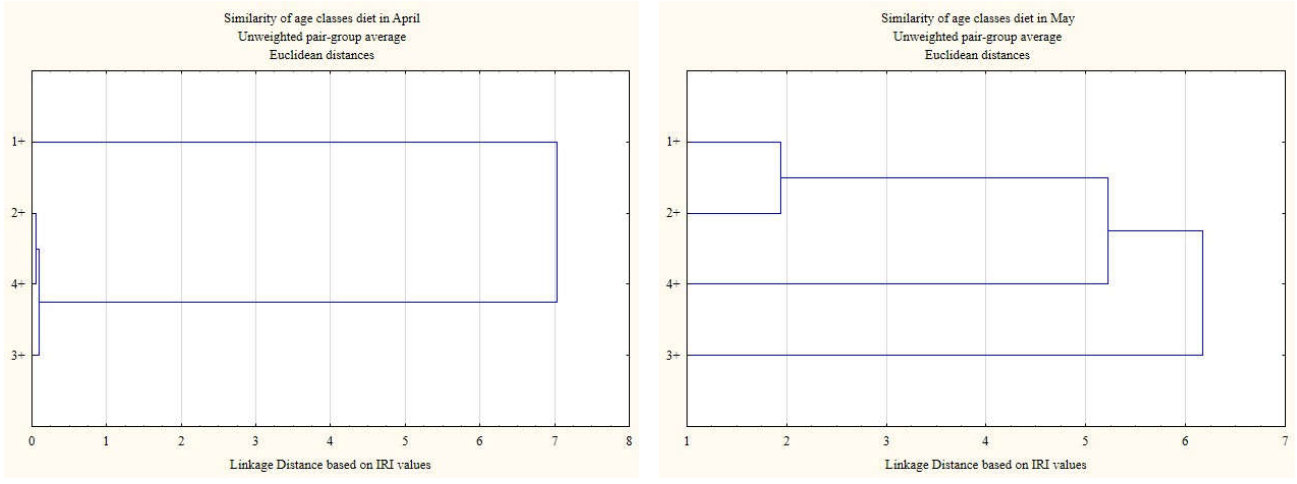
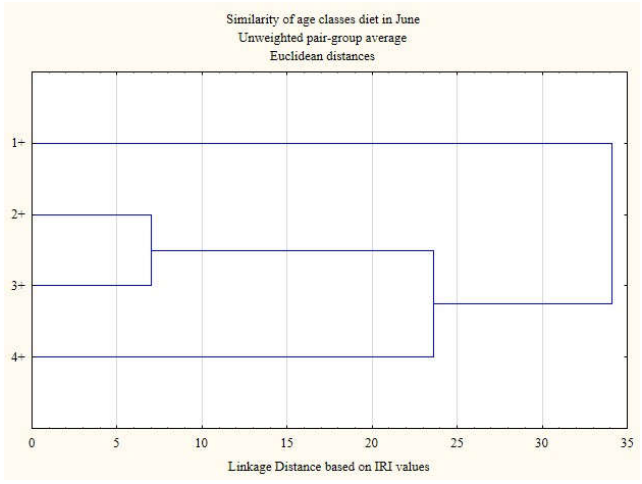


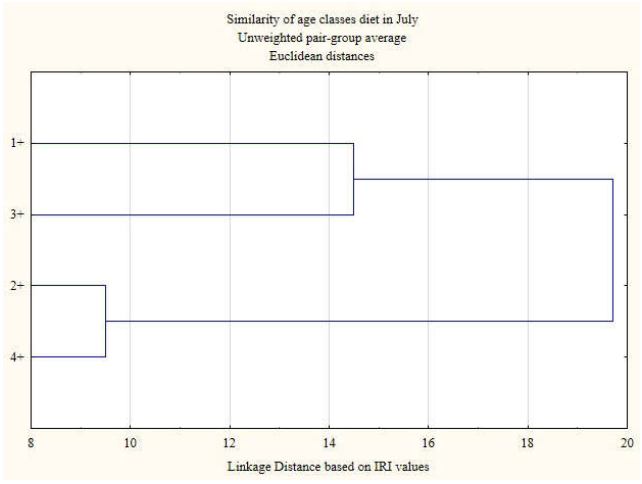
Figure S2. Dendogram of similarity between monthly population diet samples based on consumption of Gammaridae (IRI).



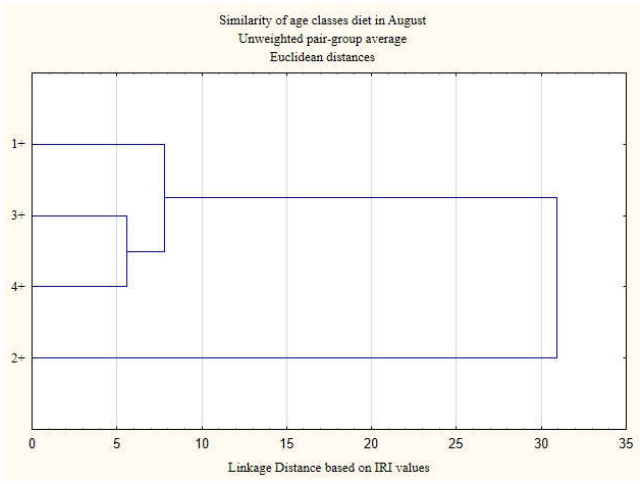
(a) **(b)**



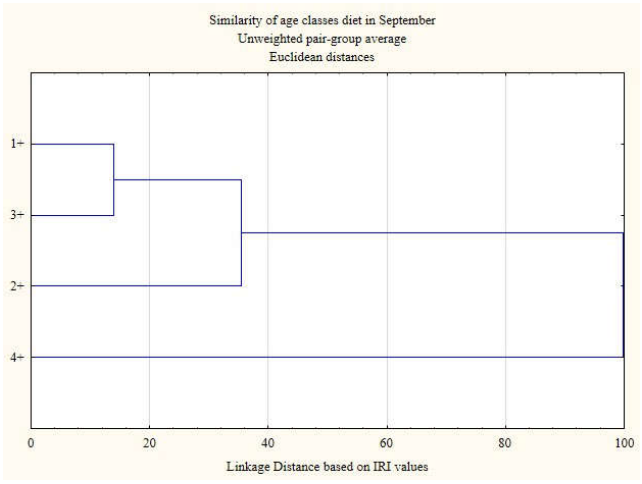
(c)



(d)



(e)



(f)



(g)

Figure S3. Dendogram of similarity between age classes' complete diet for each month; (**a**) April, (**b**) May,(**c**) June, (**d**) July, (**e**) August, (**f**) September, (**g**) October.

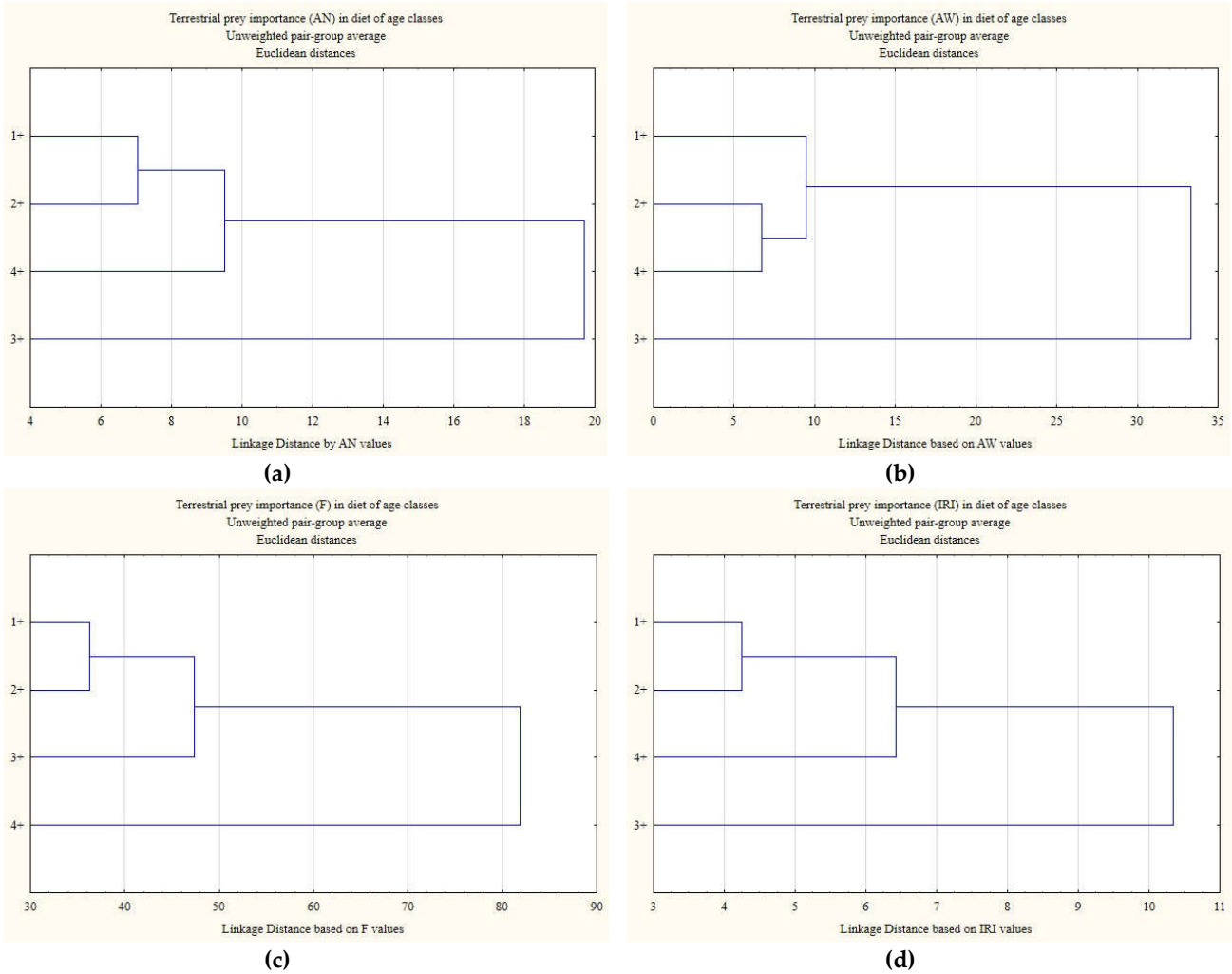


Figure S4. Dendogram of similarity between age classeses based on consumption of Terrestrial prey (AN, AW, F, IRI).

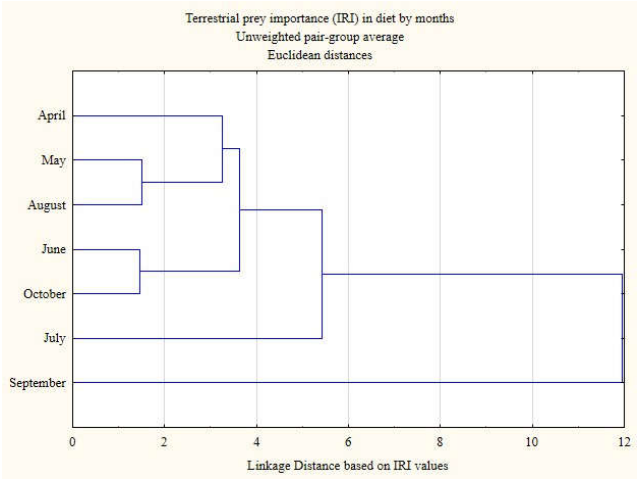


Figure S5. Dendogram of similarity between monthly population diet samples based on consumption of Terrestrial prey (IRI).