Supplementary material for Babushkin *et al.*, ***The "minor waterbodies" and their malacofauna. Are freshwater gastropod communities usable for habitat classification?***

Table S3

Eigenvalues, the proportion of the explained variance and the achieved significance level (determined by the Monte Carlo method) for each of the CCA ordination axes

Axe	Eigenvalues	Explained variance, %	*p-level*
1	0.89579	36.78	0.001
2	0.63142	25.93	0.009
3	0.31636	12.99	0.496
4	0.26888	11.04	0.133
5	0.18367	7.542	0.113
6	0.11526	4.733	0.078
7	0.020183	0.8287	0.879
8	0.0038934	0.1599	0.880
9	8.5752E-17	3.521E-15	0.073

Table S4

Pearson correlation coefficients (r) between environmental variables with factor loads (r > ±0.45 are in bold)

Variables	Axe 1	Axe 2
Depth at sampling site	**0.775703**	-0.358356
Water current and its velocity	0.0119308	**0.528349**
The content in the substrate of:		
Detritus	-0.183854	0.0774544
Silt	**-0.664224**	**0.645261**
Sand	**-0.473113**	0.265786
Clay	**-0.455256**	**0.506972**
The percentage in the substrate of submerged:		
Plants	**0.621334**	-0.416374
Wood	0.0324447	-0.0901161
Forest litter	0.220843	-0.254999

Table S5

Species composition, number of specimens, proportion in the collection and occurrence of gastropods in various types of minor waterbodies of the Bolshoy Yugan river basin

Species		Above the lines – no. of specimens (portion in the whole collection, %); below the lines – abundance, in %		
		Minor watebodies		
		temporary	madide	swamp
1	*Valvata confusa*	4(0.2) 3.6	–	–
2	*Valvata frigida*	155(8.4) 10.7	–	22(1.2) 9.1
3	*Valvata sibirica*	26(1.4) 14.3	–	151(8.2) 27.3
4	*Acroloxus lacustris*	1(0.1) 3.6	–	–
5	*Stagnicola saridalensis*	9(0.5) 7.1	–	–
6	*Ladislavella terebra*	14(0.8) 14.3	–	–
7	*Galba truncatula*	9(0.5) 7.1	331(17.9) 44.4	–
8	*Ampullaceana balthica*	–	4(0.2) 5.6	–
9	*Ampullaceana fontinalis*	–	26(1.4) 13.9	–
10	*Ampullaceana intermedia*	3(0.2) 3.6	221(11.9) 22.2	–
11	*Ampullaceana lagotis*	1(0.1) 3.6	147(7.9) 16.7	–
12	*Peregriana dolgini*	41(2.2) 21.4	109(5.9) 38.9	–
13	*Aplexa hypnorum*	47(2.5) 21.4	–	–
14	*Bathyomphalus contortus*	28(1.5) 10.7	–	44(2.4) 27.3
15	*Gyraulus acronicus*	5(0.3) 3.6	–	–
16	*Gyraulus borealis*	353(19.1) 64.3	2(0.1) 2.8	–
17	*Gyraulus stroemi*	25(1.4) 14.3	1(0.1) 2.8	3(0.2) 9.1
18	*Oxyloma* spp.	12(0.6) 17.9	56(3.0) 22.2	1(0.1) 4.5
In total:		733(39.6) 85.7	897(48.5) 77.8	221(11.9) 27.3
Number of taxa:		16	9	5