

Supplementary Table S1. The determined LWR for fish species from Someșul Cald River

Section	Species	N	TL Range	TL mean±SD	BW range	BW mean±SD	<i>a</i>	<i>b</i>	CI 95% of <i>a</i>	CI 95% of <i>b</i>	R <sup>2</sup>	Equation	Growth type
T1	<i>E. danfordi</i>	5	84.9-200.2	160.8±44.11	0.9-13.00	7.18±4.331	0.000001	3.0272	0.0000001-0.000012	2.590709-3.463709	0.9939	BW=0.000001TL <sup>3.0272</sup>	ISO
	<i>B. carpathicus</i>	26	73.68-251.4	160.2±41.38	4.1-137	48.65±36.26	0.000011	2.9713	0.000005-0.000026	2.810962-3.131648	0.9839	BW=0.00001TL <sup>2.9713</sup>	ISO
	<i>P. phoxinus</i>	105	41.26-127.7	71.26±11.53	0.6-11.90	3.787±2.143	0.000003	3.3036	0.000001-0.000006	3.09851-3.508673	0.9084	BW=0.000003TL <sup>3.3036</sup>	ALLO+
	<i>S. cephalus</i>	45	129.4-297.8	200.7±42.04	18.8-275.70	96.82±66.17	0.000003	3.2302	0.000001-0.000008	3.055644-3.404759	0.97	BW=0.000003TL <sup>3.2302</sup>	ALLO+
	<i>C. elongatoides</i>	1	n too small										n/a
	<i>B. barbatula</i>	10	78.07-122.9	100.6±13.37	4.4-12.40	8.24±2.814	0.000093	2.4631	0.000004-0.002395	1.757557-3.168679	0.8901	BW=0.00009TL <sup>2.4631</sup>	s. ISO
	<i>S. trutta</i>	499	49.33-336.5	142±47.82	1.1-430.30	37.44±40.12	0.000009	3.0178	0.000008-0.000010	2.989689-3.045821	0.989	BW=0.00001TL <sup>3.0178</sup>	ISO
	<i>T. thymallus</i>	2	n too small										n/a
T2	<i>C. gobio</i>	68	29.27-148.9	110.2±21.39	0.26-37.90	17.75±8.966	0.000007	3.1268	0.000004-0.000010	3.041599-3.212050	0.9878	BW=0.00001TL <sup>3.1268</sup>	ALLO+
	<i>E. danfordi</i>	7	170.6218.5	193.5±19.1	7-15.80	10.8±3.526	0.0000004	3.2364	0.000000005-0.00003	2.380044-4.092813	0.9497	BW=0.0000004TL <sup>3.2364</sup>	s. ISO
	<i>B. carpathicus</i>	25	66.5-180.7	134.6±22.25	3-71.90	28.26±13.62	0.000007	3.0849	0.000003-0.000019	2.882484-3.258357	0.9774	BW=0.00001TL <sup>3.0849</sup>	ISO
	<i>P. phoxinus</i>	103	39.3-101.6	69.19±10.77	0.6-9.30	3.654±1.763	0.000012	2.9516	0.000004-0.000038	2.688088-3.215090	0.8302	BW=0.00001TL <sup>2.9516</sup>	ISO
	<i>S. cephalus</i>	96	177.6-421.7	261.8±51.02	72.3-909.10	222.7±158.7	0.000005	3.1311	0.000003-0.000009	3.031079-3.231109	0.9762	BW=0.00001TL <sup>3.1311</sup>	ALLO+
	<i>R. rutilus</i>	1	n too small										n/a
	<i>C. elongatoides</i>	1	n too small										n/a
	<i>B. barbatula</i>	1	n too small										n/a
	<i>S. labrax</i>	1	n too small										n/a
	<i>S. trutta</i>	422	43.4-378	163.1±51.31.	0.7-701.50	57.33±62.12	0.000007	3.0642	0.000005-0.000009	3.010467-3.117888	0.9677	BW=0.00001TL <sup>3.0642</sup>	ALLO+
	<i>T. thymallus</i>	261	124.6-359.6	192±54.41	18.1-495.10	85.86±83.27	0.000004	3.141	0.000003-0.000006	3.087011-3.195046	0.9806	BW=0.000004TL <sup>3.1410</sup>	ALLO+
	<i>C. gobio</i>	109	29.8-145.7	108.7±22.8	0.2-36.60	16.32±4.415	0.000001	3.0175	0.000007-0.000016	2.919716-3.115317	0.9722	BW=0.00001TL <sup>3.0175</sup>	ISO
T1+T2	<i>P. fluviatilis</i>	1	n too small										n/a
	<i>E. danfordi</i>	12	84.9-218.5	179.9±34.49	0.9-15.80	9.292±4.132	0.000001	3.0266	0.0000004-0.000004	2.8111-3.2421	0.9899	BW=0.000001TL <sup>3.0266</sup>	ISO
	<i>B. carpathicus</i>	51	66.45-251.4	147.7±35.51	3-137	38.65±29.19	0.000012	2.9616	0.00001-0.00002	2.8422-3.0811	0.9807	BW=0.00001TL <sup>2.9616</sup>	ISO
	<i>P. phoxinus</i>	208	39.29-127.7	70.23±11.18	0.6-11.90	3.722±1.961	0.000006	3.0986	0.000003-0.000013	2.9289-3.2683	0.8628	BW=0.000006TL <sup>3.0986</sup>	ISO
	<i>S. cephalus</i>	141	129.4-421.7	242.3±56.03	18.8-909.10	182.5±148.1	0.000004	3.1821	0.000003-0.000006	3.1087-3.2555	0.9814	BW=0.0000047TL <sup>3.1821</sup>	ALLO+
	<i>R. rutilus</i>	1	n-too small										n/a
	<i>C. elongatoides</i>	2	n-too small										n/a
	<i>B. barbatula</i>	11	78.07-122.9	101.2±12.83	4.4-12.40	8.473±2.779	0.00007	2.5214	0.000003-0.00179	1.8247-3.2182	0.8816	BW=0.00007TL <sup>2.5214</sup>	s. ISO
	<i>S. labrax</i>	1	n-too small										n/a
	<i>S. trutta</i>	921	43.37-378	151.6±50.53	0.7-701.50	46.55±52.3	0.000008	3.038	0.000007-0.000009	3.0110-3.0649	0.9815	BW=0.0000087TL <sup>3.0380</sup>	ALLO+
	<i>T. thymallus</i>	263	124.6-359.6	192.7±54.81	18.1-495.10	86.55±83.33	0.000005	3.1292	0.000004-0.000006	3.0749-3.1834	0.9802	BW=0.0000057TL <sup>3.1292</sup>	ALLO+
	<i>C. gobio</i>	177	29.27-148.9	109.3±22.22	0.2-37.90	16.87±8.634	0.000009	3.0584	0.000006-0.000012	2.9880-3.1289	0.9767	BW=0.000009TL <sup>3.0584</sup>	ISO
	<i>P. fluviatilis</i>	1	n-too small										n/a

Legend: N – number of individuals; TL – total length (mm); BW – wet body weight (g); SD – standard deviation; *a* and *b* – are the coefficients of the regression; CI 95% - confidence intervals; R<sup>2</sup> – coefficient of regression; ISO – isometric growth; s. ISO – soft isometric growth; ALLO+ - positive allometric growth