

Supporting Information, Table S1. Shell measurements of *Corbicula* clams from European Russia.

Species	SL (mm)	SH (mm)	SW (mm)	Shell Elongation Index [SEI = SH/SL×100]	Shell Inflation Index [SIH = SW/SL×100]
Kura River, Terek River basin, Stavropolsky Region					
<i>C. fluminalis</i> (= <i>Corbicula</i> lineage FW17; ="Int" form)	15.0	13.0	9.0	86.67	60.0
	14.9	13.4	9	89.93	60.4
	15.3	13.5	9.6	88.24	62.7
	14.5	13	8.8	89.66	60.7
	13	12	8	92.31	61.5
	14	13	8.4	92.86	60.0
	13.4	12	8.5	89.55	63.4
	13.4	11.7	8	87.31	59.7
	15	13	9	86.67	60.0
	13.9	12.9	8.5	92.81	61.2
	13.4	12.6	8.4	94.03	62.7
	13.7	12.7	8.7	92.70	63.5
	13	12.5	8	96.15	61.5
	12.7	11.4	7.7	89.76	60.6
	12.4	11	7.5	88.71	60.5
	13.2	12.3	8	93.18	60.6
	12.4	11	7	88.71	56.5
	11.3	10	6.9	88.50	61.1
	12	10.6	7.3	88.33	60.8
	13.1	12.1	8.4	92.37	64.1
	11.5	10.7	7	93.04	60.9
	11.3	10	6.6	88.50	58.4
	11.6	10.5	7	90.52	60.3
	11.3	10	7	88.50	61.9
	11.3	10.4	7	92.04	61.9
	12	10.5	7.4	87.50	61.7
	10	9	6	90.00	60.0
	10.7	9.7	6.4	90.65	59.8
	10.4	9.9	6	95.19	57.7
	15.3	13.3	9	86.93	58.8
	15.5	14	9.4	90.32	60.6
	15.5	14	9.6	90.32	61.9
	12.6	11.7	7.6	92.86	60.3
	13.6	13.4	8.4	98.53	61.8
	15.4	14.3	9.6	92.86	62.3
	13	12.5	8.4	96.15	64.6
	15	13	9.3	86.67	62.0
	13.3	12.2	8	91.73	60.2
	12.1	11.3	7.5	93.39	62.0
Mean	13.10	11.90	8.00	90.88	61.00
SD	1.54	1.38	1.00	2.92	1.64
Min	10.0	9.0	6.0	86.67	56.45
Max	15.5	14.3	9.6	98.53	64.62
Terek River basin, Dagestan					
	22.4	21.3	14.5	95.09	68.08
	22.6	21	14.6	92.92	69.52
	23.4	22	15.8	94.02	71.82

Species	SL (mm)	SH (mm)	SW (mm)	Shell Elongation Index [SEI = SH/SL×100]	Shell Inflation Index [SH = SW/SL×100]
<i>C. fluminalis</i> (=Corbicula lineage FW17= <i>Corbicula</i> form S)	20.4	19.5	13.4	95.59	68.72
	18	17	12	94.44	70.59
	14.5	13.9	10	95.86	71.94
	13.9	13	10	93.53	76.92
	13	11.7	9.2	90.00	78.63
	10.5	9.6	7	91.43	72.92
	12.2	11.5	9	94.26	78.26
	10.9	10	7.3	91.74	73.00
	11.4	10	7.4	87.72	74.00
	10	9	6.7	90.00	74.44
	10	9	6.7	90.00	74.44
	13	12.5	9.5	96.15	76.00
	17	16	13	94.12	81.25
	16.6	17	12.7	102.41	74.71
	18.4	18.5	12.9	100.54	69.73
	17.4	17.3	12.5	99.43	72.25
	15.7	15.6	11.4	99.36	73.08
	18	18.4	12.7	102.22	69.02
	16	15.5	11.6	96.88	74.84
	14	14.5	10.4	103.57	71.72
	17.7	17.6	13	99.44	73.86
	17.4	17.2	12.5	98.85	72.67
	16	16.3	11.7	101.88	71.78
	16.2	16.4	12	101.23	73.17
	16.1	16.8	12	104.35	71.43
	17.6	18	13	102.27	72.22
	14	14.3	10.4	102.14	72.73
	16.8	15.9	12	94.64	75.47
	16	16.7	12.5	104.38	74.85
	19.5	19	13.9	97.44	73.16
	16.7	18	13	107.78	72.22
	17.1	17	12.9	99.42	75.88
	16.3	15.5	11.3	95.09	72.90
	15.3	14.9	11.4	97.39	76.51
	15.6	15.8	11.6	101.28	73.42
	15.4	15.5	11.2	100.65	72.26
	16.7	16.7	12.5	100.00	74.85
	16.4	15.5	12	94.51	77.42
	16.9	16.8	12.4	99.41	73.81
	15.7	15.6	11	99.36	70.51
	15.5	16.1	12.1	103.87	75.16
	15.9	15.8	12.4	99.37	78.48
	16	15	11	93.75	73.33
	15	15.2	11.8	101.33	77.63
	15	14.5	10.8	96.67	74.48
	13.9	14	10.5	100.72	75.00
	14.7	14	11	95.24	78.57
	13.4	13.7	10.6	102.24	77.37
	13	14	10	107.69	71.43
	14.7	15.6	11.9	106.12	76.28
	15	15.1	11.6	100.67	76.82

Species	SL (mm)	SH (mm)	SW (mm)	Shell Elongation Index [SEI = SH/SL×100]	Shell Inflation Index [SIH = SW/SL×100]
	14.9	14.7	11.1	98.66	75.51
	13.5	13.6	10.3	100.74	75.74
	14	14.1	10.6	100.71	75.18
	13	12.9	10.1	99.23	78.29
	14	14.3	10.5	102.14	73.43
	13.5	13.4	10	99.26	74.63
	13	13.8	10.4	106.15	75.36
	14.4	13.9	10.8	96.53	77.70
	13.9	14	10.7	100.72	76.43
	13.7	14.3	10.6	104.38	74.13
	14	14.5	10.5	103.57	72.41
	13.9	14.5	10.6	104.32	73.10
	14.1	14.6	11	103.55	75.34
	13	14	10.4	107.69	74.29
	14.5	13.5	10.7	93.10	79.26
	13.4	13.8	10.5	102.99	76.09
	13	14	10.5	107.69	75.00
	13.4	13.9	10.7	103.73	76.98
	13.4	14.1	10.3	105.22	73.05
	14.2	13.9	9.8	97.89	70.50
	13.1	13.4	10.2	102.29	76.12
	12.9	13	10	100.78	76.92
	12	12.4	9.2	103.33	74.19
	15	12.4	8.3	82.67	66.94
	12.3	11.8	8.5	95.93	72.03
	11.4	10.8	7.9	94.74	73.15
	11.6	10.9	7.7	93.97	70.64
	11.6	10.9	7.8	93.97	71.56
	12	11.6	8.5	96.67	73.28
	12.4	11.9	8.7	95.97	73.11
	10.8	10.5	7.4	97.22	70.48
	10.4	8.4	6	80.77	71.43
	11.6	11.8	7.2	101.72	61.02
	11.4	11	8	96.49	72.73
	12	11.2	8.3	93.33	74.11
	11.7	10.9	8.2	93.16	75.23
	11.6	11.2	8	96.55	71.43
	11	10.5	7.4	95.45	70.48
	11.3	10.8	7.7	95.58	71.30
	11.9	11.3	8	94.96	70.80
	10.4	9.8	7.3	94.23	74.49
	11	9.7	7.6	88.18	78.35
	10	9.4	7	94.00	74.47
	11.9	11.4	8	95.80	70.18
	10.5	9.7	7.1	92.38	73.20
	17	17.9	13.5	105.29	75.42
	19.8	19.6	14.5	98.99	73.98
	19	19.19	14.5	101.00	75.56
	12.6	11.7	9	92.86	76.92
	11.4	10.7	7.4	93.86	69.16
	14.1	13.9	10	98.58	71.94

Species	SL (mm)	SH (mm)	SW (mm)	Shell Elongation Index [SEI = SH/SL×100]	Shell Inflation Index [SIH = SW/SL×100]
	15.1	13.6	10	90.07	73.53
	15.9	14.5	10.4	91.19	71.72
	12.9	12.6	9	97.67	71.43
	15	14	10	93.33	71.43
	15.1	14.7	10	97.35	68.03
	11	10.9	7.5	99.09	68.81
	11.5	10.3	7.3	89.57	70.87
	11.3	10.5	7.6	92.92	72.38
	10.4	10.2	7.1	98.08	69.61
	12.2	10.9	7	89.34	64.22
	12	9.9	8	82.50	80.81
	10.9	10.8	7.3	99.08	67.59
	11	10.5	7.8	95.45	74.29
Mean	14.2	13.9	10.2	97.6	73.5
SD	2.8	2.9	2.2	5.3	3.2
Min	10	8.4	6	80.77	61.02
Max	23.4	22	15.8	107.78	81.25
Don River basin, Rostovskaya Oblast					
<i>C. fluminea</i> (= <i>Corbicula</i> lineage FW5; = <i>Corbicula</i> Rlc form)	19.3	19	14	98.45	73.68
	10	9.5	7	95.00	73.68
	14.2	14	10	98.59	71.43
	10	9.4	7.1	94.00	75.53
	11	10.8	8	98.18	74.07
	10.7	9	7	84.11	77.78
	11.4	10	7.7	87.72	77.00
	10.3	9.1	7.3	88.35	80.22
	11.7	10	7	85.47	70.00
	11	9.9	7	90.00	70.71
	10.4	9.5	7	91.35	73.68
	11.5	10	8.1	86.96	81.00
	13.4	12	9	89.55	75.00
	16.2	15.9	11	98.15	69.18
	16.1	15	11.5	93.17	76.67
	12	10.5	8	87.50	76.19
	11.7	10.5	8.1	89.74	77.14
Mean	12.4	11.4	8.5	91.5	74.9
SD	2.6	2.9	2.0	4.8	3.4
Min	10	9	7	84.11	69.18
Max	19.3	19	14	98.59	81
Don River basin, Rostovskaya Oblast					
<i>C. fluminea</i> (= <i>Corbicula</i> R form)*	26	24.7	16.8	95.00	68.02
	26	24	17.4	92.31	72.50
	15	15	12	100.00	80.00
	15	15.3	11	102.00	71.90
	12.5	12.6	9.8	100.80	77.78
	12.4	11.5	9	92.74	78.26
	13.5	13	10	96.30	76.92
	10.5	10	8	95.24	80.00
	22	21.5	14	97.73	65.12
	18	16	10.4	88.89	65.00
	16.5	15.8	11.2	95.76	70.89

Species	SL (mm)	SH (mm)	SW (mm)	Shell Elongation Index [SEI = SH/SL×100]	Shell Inflation Index [SI = SW/SL×100]
	16	14.7	9.4	91.88	63.95
	16	14.5	10.4	90.63	71.72
	13.9	12	9.2	86.33	76.67
	11.5	10	7.4	86.96	74.00
	11	10	7.2	90.91	72.00
Mean	4.9	4.7	3.0	4.7	5.3
SD	10.5	10	7.2	86.30	63.90
Min	26	24.7	17.4	102	80
Max	4.9	4.7	3.0	4.7	5.3
Volga River basin, Kostromskaya Oblast					
<i>C. fluminea</i> (=lineage FW5; = <i>Corbicula</i> R form)	10.5	8.6	6.4	81.90	74.42
	14.4	13.3	10	92.36	75.19
	13.6	13	9.7	95.59	74.62
	14.1	14	10.6	99.29	75.71
	13.1	13.1	9.6	100.0	73.28
	10.2	9.3	7	91.18	75.27
Mean	13.2	12.2	9.2	92.3	75.0
SD	1.8	2.5	1.9	7.5	0.6
Min	10.5	8.6	6.4	81.9	74.4
Max	14.4	14	10.6	99.3	75.7

*empty shells