

Table S2. Information on newly sequenced specimens of *Corbicula* spp. from European Russia. Materials are from the collection of the Russian Museum of Biodiversity Hotspots (RMBH), N. Laverov Federal Center for Integrated Arctic Research of the Ural Branch of the Russian Academy of Sciences (Arkhangelsk, Russia)

Species	COI acc. no.	28S acc. no.	Specimen voucher	Locality
<i>C. fluminea</i>	OR252880	n/a	MCorb18	Myanmar, Koklu River
	OR252881	n/a	MCorb18_2	
	OR252882	n/a	MCorb19	
	OR252883	n/a	MCorb19_2	
<i>C. fluminea</i>	OR252884	n/a	MCorb23_1	Malaysia, Perak River
	OR252885	n/a	MCorb23_2	
	OR252886	n/a	MCorb24_2	
<i>C. fluminalis</i>	OR252887	n/a	MCorb26	Tajikistan
<i>C. fluminalis</i>	OR252888	OR252261	MCorb31_1	Turkey, Karasu River, Orontes River basin
	OR252889	OR252262	MCorb31_2	
	OR252890	OR252263	MCorb31_3	
	OR252891	OR252264	MCorb31_4	
	OR252892	OR252265	MCorb32_1	
	OR252893	OR252266	MCorb32_2	
	OR252894	OR252267	MCorb32_3	
	OR252895	OR252268	MCorb32_4	
<i>C. fluminea</i>	OR252896	OR252269	MCorb37_1	Canada, Kawakawa Lake
	OR252897	OR252270	MCorb37_2	
	OR252898	OR252271	MCorb38_1	
	OR252899	OR252272	MCorb38_2	
	OR252900	OR252273	MCorb38_3	
<i>C. fluminea</i>	OR252901	n/a	MCorb39	USA, Chehalis River
	OR252902	n/a	MCorb40	
<i>C. fluminea</i>	OR252903	OR252274	MCorb42	Canada, Pit Lake
	OR252904	OR252275	MCorb43	
<i>C. fluminalis</i>	OR252905	n/a	MCorb57	Myanmar, Sittaung River
	OR252906	n/a	MCorb57_2	
	OR252907	n/a	MCorb57_3	
<i>C. fluminea</i>	OR252908	n/a	MCorb58_4	Myanmar, Bilin River
<i>C. fluminea</i>	OR252909	n/a	MCorb59	Myanmar, Irrawaddy River
	OR252910	n/a	MCorb59_2	
<i>C. fluminea</i>	OR252911	n/a	MCorb61	Myanmar, Sin Khong stream
	OR252912	n/a	MCorb61_2	
<i>C. fluminea</i>	OR252913	n/a	MCorb63	Myanmar
<i>C. fluminea</i>	OR252914	n/a	MCorb64	Myanmar, stream near the Kawkareik town
	OR252915	n/a	MCorb65	Myanmar, Myitnge River
<i>C. fluminalis</i>	OR252916	n/a	MCorb68	Myanmar, ox-bow lake
<i>C. fluminalis</i>	OR252917	n/a	MCorb70	Myanmar, Bago River
<i>C. fluminea</i>	OR252918	n/a	MCorb74_1	Italy, Maggiore Lake
	OR252919	n/a	MCorb74_2	

	OR252920	n/a	MCorb74_3	
	OR252921	n/a	MCorb75_1	
	OR252922	n/a	MCorb75_2	
	OR252923	n/a	MCorb75_3	
<i>C. leana</i>	OR252924	n/a	MCorb76_1	Italy, irrigation canal
	OR252925	n/a	MCorb76_2	
	OR252926	n/a	MCorb76_3	
	OR252927	n/a	MCorb77_1	
<i>C. leana</i>	OR252928	n/a	MCorb78_1	India, Ganges River
	OR252929	n/a	MCorb78_2	
	OR252930	n/a	MCorb79_1	
	OR252931	n/a	MCorb79_2	
	OR252932	n/a	MCorb79_3	
	OR252933	n/a	MCorb79_4	
	OR252934	n/a	MCorb79_5	
<i>C. fluminalis</i>	OR252935	n/a	MCorb86_1	Myanmar, Indaw Lake
	OR252936	n/a	MCorb86_2	
	OR252937	n/a	MCorb86_3	
<i>C. fluminea</i>	OR252938	n/a	MCorb87_2	Myanmar, Myaung Stream
<i>C. fluminalis</i>	OR252939	n/a	MCorb88_1	Myanmar, Indaw River
	OR252940	n/a	MCorb88_2	
<i>C. fluminalis</i>	OR252941	n/a	MCorb89_1	Myanmar, Toung Up River
	OR252942	n/a	MCorb89_2	
	OR252943	n/a	MCorb89_3	
	OR252944	n/a	MCorb89_4	
	OR252945	n/a	MCorb89_5	
<i>C. fluminea</i>	OR252946	n/a	MCorb91_1	Myanmar, Nga Wun River
	OR252947	n/a	MCorb91_2	
	OR252948	n/a	MCorb91_3	
	OR252949	n/a	MCorb91_4	
<i>C. fluminea</i>	OR252950	OR252276	MCorb94	Moldova, Prut River
	OR252951	n/a	MCorb95	
<i>C. leana</i>	OR252952	n/a	MCorb98_1	Laos, Nam Kadan
<i>C. fluminea</i>	OR252953	n/a	MCorb98_2	
	OR252954	n/a	MCorb98_3	
<i>C. fluminea</i>	OR252955	n/a	MCorb99_1	Laos, Nam Sanam
	OR252956	n/a	MCorb99_2	
	OR252957	n/a	MCorb99_3	
<i>C. fluminalis</i>	OR252958	n/a	MCorb104_1	Myanmar, Nantyin Stream
<i>C. leana</i>	OR252959	n/a	MCorb104_2	
	OR252960	n/a	MCorb104_3	
<i>C. leana</i>	OR252961	n/a	MCorb105_1	Myanmar, Lashio River
	OR252962	n/a	MCorb105_2	
	OR252963	n/a	MCorb105_3	
	OR252964	n/a	MCorb106_1	
	OR252965	n/a	MCorb106_2	
	OR252966	n/a	MCorb106_3	
<i>C. fluminalis</i>	OR252967	n/a	MCorb107	Myanmar, Ba Mawe Khong Stream

<i>C. leana</i>	OR252968	n/a	MCorb108	Myanmar, Mole Stream
	OR252969	n/a	MCorb109_1	Myanmar, Winyaw River
	OR252970	n/a	MCorb109_2	
	OR252971	n/a	MCorb109_3	
	OR252972	n/a	MCorb109_4	
<i>C. fluminalis</i>	OR252973	n/a	MCorb110_1	Myanmar, Bayo River
	OR252974	n/a	MCorb110_2	
<i>C. fluminea</i>	OR252975	n/a	MCorb111_2	Myanmar, Ha Htin Bi Lin Stream
<i>C. fluminalis</i>	OR252976	n/a	MCorb111_3	
<i>C. fluminalis</i>	OR252977	n/a	MCorb112_1	Myanmar, Nan Ma Tee River
<i>C. fluminea</i>	OR252978	OR252277	MCorb131_1	Russia, Kostroma Oblast, cooling pond of the Kostroma Power Station
	OR252979	OR252278	MCorb131_2	
	OR252980	OR252279	MCorb131_3	
	OR252981	OR252280	MCorb131_4	
	OR252982	OR252281	MCorb131_5	
<i>C. fluminea</i>	OR252983	OR252282	MCorb132_1	Russia, Rostov Oblast, Don River
	OR252984	OR252283	MCorb132_2	
	OR252985	OR252284	MCorb132_3	
<i>C. fluminea</i>	OR252986	OR252285	MCorb133_1	Russia, Rostov Oblast, canal of the Novocherkasskaya Power Station
	OR252987	OR252286	MCorb133_2	
	OR252988	OR252287	MCorb133_3	
	OR252989	OR252288	MCorb133_4	
<i>C. fluminea</i>	OR252990	OR252289	MCorb134_1	Russia, Rostov Oblast, Don River
	OR252991	OR252290	MCorb134_2	
	OR252992	OR252291	MCorb134_3	
<i>C. fluminalis</i>	OR252993	OR252292 Var 1/ OR252293 Var 2*	MCorb135_1	Russia, Republic of Dagestan, Shura-Ozen River
	OR252994	OR252294 Var 1/ OR252295 Var 2*	MCorb135_2	
<i>C. fluminalis</i>	OR252995	OR252296	MCorb136_1	Russia, Republic of Dagestan, Malyy Sulak River
	OR252996	OR252297 Var 1/ OR252298 Var 2*	MCorb136_2	
	OR252997	OR252299	MCorb136_3	
	OR252998	OR252300	MCorb136_4	
<i>C. fluminalis</i>	OR252999	OR252301	MCorb137	Russia, Republic of Dagestan, Sulak River
<i>C. fluminalis</i>	OR253000	OR252302	MCorb138	Russia, Republic of Dagestan, Sulak River
<i>C. fluminalis</i>	OR253001	OR252303 Var 1/ OR252304 Var 2*	MCorb139	Russia, Republic of Dagestan, Prisulakskiy Canal
<i>C. fluminalis</i>	OR253002	OR252305 Var 1/ OR252306 Var 2*	MCorb140	Russia, Republic of Dagestan, Samur
<i>C. fluminalis</i>	OR253003	OR252307 Var 1/ OR252308 Var 2*	MCorb141_1	Russia, Stavropol Krai, Kura (Podkumok) River
	OR253004	OR252309 Var 1/ OR252310 Var 2*	MCorb141_2	
	OR253005	OR252311 Var 1/ OR252312 Var 2*	MCorb141_3	

	OR253006	OR252313 Var 1/ OR252314 Var 2*	MCorb141_4	
	OR253007	OR252315 Var 1/ OR252316 Var 2*	MCorb141_5	
	OR253008	OR252317	MCorb141_6	
	OR253009	OR252318 Var 1/ OR252319 Var 2*	MCorb141_7	
	OR253010	OR252320	MCorb141_8	
	OR253011	OR252321	MCorb141_9	
	OR253012	OR252322	MCorb141_10	
<i>C. fluminalis</i>	OR253013	n/a	MCorb143_1	Myanmar, Bago River
<i>C. fluminea</i>	OR253014	n/a	MCorb143_2	
<i>C. fluminalis</i>	OR253015	n/a	MCorb143_3	
<i>C. fluminea</i>	OR253016	OR252323	MCorb147_1	Russia, Kostroma Oblast, Kostroma Power Station cooling pond
	OR253017	OR252324	MCorb147_2	
	OR253018	OR252325	MCorb147_3	
	OR253019	OR252326	MCorb147_4	
	OR253020	OR252327	MCorb147_5	
<i>C. fluminea</i>	OR253021	n/a	MCorb148_1	France, Canal du Midi, Toulouse
	OR253022	n/a	MCorb148_2	
<i>C. fluminalis</i>	OR253023	n/a	MCorb149	Turkey, Büyük Menderes River

*Two copies of the 28S gene in a single individual. n/a – not available.