

Table S1. Sequences used in the paper. Sequences from Bakhilovo are marked by yellow.

GenBank acc.no. COI	GenBank acc.no. 28S	GenBank acc.no. HSP-90	Taxon (specimen number)	Country	Isolation source	Lat-Lon	Collection date
MW135338			<i>Daphnia curvirostris</i> (012)	Russia: Samara Area	A pond in village of Bakhilovo on Samarskaya Luka	53.401 N 49.632 E	2012
MW135339		MZ441129	<i>Daphnia curvirostris</i> (013)	Russia: Samara Area	A pond in village of Bakhilovo on Samarskaya Luka	53.401 N 49.632 E	2012
MW135340	MZ407638	MZ441130	<i>Daphnia curvirostris</i> (014)	Russia: Samara Area	A pond in village of Bakhilovo on Samarskaya Luka	53.401 N 49.632 E	2012
MZ396552	MZ407643	MZ441123	<i>Daphnia curvirostris</i> (089)	Russia: Moscow	A pond in Terletsky Park	55.775 N 37.815 E	2017
MZ396553	MZ407644	MZ441124	<i>Daphnia curvirostris</i> (090)	Russia: Moscow	A pond in Terletsky Park	55.775 N 37.815 E	2017
MZ396554	MZ407645	MZ441131	<i>Daphnia curvirostris</i> (092)	Russia: Moscow	A pond in Terletsky Park	55.775 N 37.815 E	2017
	MZ407646	MZ441132	<i>Daphnia curvirostris</i> (093)	Russia: Moscow	Near "Malinki" Biological station	55.455 N 37.225 E	2014
	MZ407647	MZ441125	<i>Daphnia curvirostris</i> (096)	Russia: Moscow	Near "Malinki" Biological station	55.455 N 37.225 E	2014
	MZ407648	MZ441135	<i>Daphnia curvirostris</i> (097)	Russia: Yaroslavl Area	Puddles near the "Liagushatnik", Borok	58.064 N 38.244 E	2009
	MZ407649	MZ441136	<i>Daphnia curvirostris</i> (098)	Russia: Yaroslavl Area	Puddles near the "Liagushatnik", Borok	58.064 N 38.244 E	2009
		MZ441137	<i>Daphnia curvirostris</i> (099)	Russia: Yaroslavl Area	Puddles near the "Liagushatnik", Borok	58.064 N 38.244 E	2009
		MZ441138	<i>Daphnia curvirostris</i> (100)	Russia: Yaroslavl Area	Puddles near the "Liagushatnik", Borok	58.064 N 38.244 E	2009
	MZ407647	MZ441125	<i>Daphnia curvirostris</i>	Russia: Moscow	Near "Malinki" Biological station	55.455 N 37.225 E	2014
	MZ407646	MZ441132	<i>Daphnia curvirostris</i>	Russia: Moscow	Near "Malinki" Biological station	55.455 N 37.225 E	2014
	MZ407648	MZ441135	<i>Daphnia curvirostris</i>	Russia: Yaroslavl Area	Puddles near the "Liagushatnik", Borok	58.064 N 38.244 E	2009
	MZ407649	MZ441136	<i>Daphnia curvirostris</i>	Russia: Yaroslavl Area	Puddles near the "Liagushatnik", Borok	58.064 N 38.244 E	2009
		MZ441137	<i>Daphnia curvirostris</i>	Russia: Yaroslavl Area	Puddles near the "Liagushatnik", Borok	58.064 N 38.244 E	2009
		MZ441138	<i>Daphnia curvirostris</i>	Russia: Yaroslavl Area	Puddles near the "Liagushatnik", Borok	58.064 N 38.244 E	2009
	MZ407639	MZ441126	<i>Daphnia korovchinskyi</i>	Russia: Khabarovsk Territory	Puddle 2 in a rut, Island of Bol'shoy Ussurijsky	48.402 N 134.876 E	2007

	MZ407642	MZ441127	<i>Daphnia korovchinskyi</i>	Russia: Khabarovsk Territory	A pond near Vinogradovka village, near a road to Khohlatskaja Protoka of the Amur	48.623 N 135.136 E	2007
		MZ441128	<i>Daphnia korovchinskyi</i>	Russia: Khabarovsk Territory	A pond near Vinogradovka village, near a road to Khohlatskaja Protoka of the Amur	48.623 N 135.136 E	2007
	MZ407640		<i>Daphnia korovchinskyi</i>	Russia: Khabarovsk Territory	A pond near Vinogradovka village, near a road to Khohlatskaja Protoka of the Amur	48.623 N 135.136 E	2007
	MZ407641		<i>Daphnia korovchinskyi</i>	Russia: Khabarovsk Territory	A pond near Vinogradovka village, near a road to Khohlatskaja Protoka of the Amur	48.623 N 135.136 E	2007
	MZ407639	MZ441126	<i>Daphnia korovchinskyi</i> (018)	Russia: Khabarovsk Territory	Puddle 2 in a rut, Island of Bol'shoy Ussurijsky	48.402 N 134.876 E	2007
	MZ407640		<i>Daphnia korovchinskyi</i> (019)	Russia: Khabarovsk Territory	A pond near Vinogradovka village, near a road to Khohlatskaja Protoka of the Amur	48.623 N 135.136 E	2007
	MZ407641		<i>Daphnia korovchinskyi</i> (020)	Russia: Khabarovsk Territory	A pond near Vinogradovka village, near a road to Khohlatskaja Protoka of the Amur	48.623 N 135.136 E	2007
	MZ407642	MZ441127	<i>Daphnia korovchinskyi</i> (021)	Russia: Khabarovsk Territory	A pond near Vinogradovka village, near a road to Khohlatskaja Protoka of the Amur	48.623 N 135.136 E	2007
		MZ441128	<i>Daphnia korovchinskyi</i> (022)	Russia: Khabarovsk Territory	A pond near Vinogradovka village, near a road to Khohlatskaja Protoka of the Amur	48.623 N 135.136 E	2007
MZ396619		MZ441133	<i>Daphnia pulex</i>	Russia: Moscow	Near "Malinki" Biological station	55.455 N 37.225 E	2014
MZ396620	MZ407650	MZ441134	<i>Daphnia pulex</i>	Russia: Moscow	Near "Malinki" Biological station	55.455 N 37.225 E	2014
MW135336	OK070772	OK073657	Hybrid (028)	Russia: Samara Area	A pond in village of Bakhilovo on Samarskaya Luka	53.401 N 49.632 E	2012
MW135337	OK070773	OK073658	Hybrid (030)	Russia: Samara Area	A pond in village of Bakhilovo on Samarskaya Luka	53.401 N 49.632 E	2012