

Table S1. List of species and GenBank accession numbers of their gene sequences used in the phylogenetic analysis based on the maximum-likelihood trees (Figure 8 A, B, C). Haplotypes found in our study are in bold.

Scientific Name	GenBank Accession Number	Sequence Source	Country/ Localization
<i>Cyclops</i> – 12S rRNA gene (Fig. 8A)			
<i>Cyclops abyssorum</i>	KP773124	Krajiček et al. 2016	Czech Republic
<i>Cyclops abyssorum</i>	KP773138	Krajiček et al. 2016	Czech Republic
<i>Cyclops bohater</i>	KP773187	Krajiček et al. 2016	Germany
<i>Cyclops furcifer</i>	MZ502237	This study	Poland
<i>Cyclops heberti</i>	KP773085	Krajiček et al. 2016	Czech Republic
<i>Cyclops heberti</i>	KP773157	Krajiček et al. 2016	Germany
<i>Cyclops insignis</i>	KP773084	Krajiček et al. 2016	Czech Republic
<i>Cyclops insignis</i>	KP773101	Krajiček et al. 2016	Czech Republic
<i>Cyclops kikuchii</i>	LC537286	Sioud et al. 2020	Japan
<i>Cyclops kikuchii</i>	LC537291	Sioud et al. 2020	Japan
<i>Cyclops ochridanus</i>	KP773147	Krajiček et al. 2016	Albania
<i>Cyclops scutifer</i>	MK329326	Holýńska & Wyngaard 2019	Canada
<i>Cyclops scutifer</i>	MK329328	Holýńska & Wyngaard 2019	Sweden
<i>Cyclops vicinus</i>	LC537293	Sioud et al. 2020	Japan
<i>Cyclops vicinus</i>	LC537295	Sioud et al. 2020	Japan
<i>Eucyclops</i> – COI gene (Fig. 8B)			
<i>Eucyclops cuatrocieneegas</i>	MG449344	Elías-Gutiérrez et al. 2018	Mexico
<i>Eucyclops</i> cf. <i>cuatrocieneegas</i>	MG449658	Elías-Gutiérrez et al. 2018	Mexico
<i>Eucyclops</i> cf. <i>estherae</i>	HM884024	Unpublished	USA
<i>Eucyclops</i> cf. <i>serrulatus</i>	KC627303	Unpublished	Russia
<i>Eucyclops</i> cf. <i>serrulatus</i>	KC627312	Unpublished	Russia
<i>Eucyclops</i> cf. <i>serrulatus</i>	KC627313	Unpublished	Ukraine
<i>Eucyclops</i> cf. <i>serrulatus</i>	KP845498	Watson et al. 2015	New Zealand
<i>Eucyclops serrulatus</i>	MZ503631	This study	Poland
<i>Eucyclops serrulatus</i>	MZ503632	This study	Poland
<i>Eucyclops macrurus</i>	KC627334	Unpublished	Russia
<i>Eucyclops macrurus</i>	KC627335	Unpublished	Russia
<i>Eucyclops prionophorus</i>	MG449753	Elías-Gutiérrez et al. 2018	Canada
<i>Eucyclops prionophorus</i>	MG449804	Elías-Gutiérrez et al. 2018	Mexico
<i>Eucyclops speratus</i>	KC627338	Unpublished	Russia
<i>Eucyclops speratus</i>	KY231382	Bhavan et al. 2016	India
<i>Cyclops insignis</i>	KC627294	Unpublished	Russia
<i>Cyclops ohridanus</i>	MF114115	Mayor et al. 2017	Macedonia
<i>Diacyclops</i> – COI gene (Fig. 8C)			
<i>Diacyclops</i> sp.	GU055760	Mayor et al. 2010	Russia
<i>Diacyclops</i> sp.	MK207028	Mayor et al. 2019	Russia
<i>Diacyclops</i> sp.	MK207029	Mayor et al. 2019	Russia
<i>Diacyclops</i> sp.	MK207035	Mayor et al. 2019	Russia
<i>Diacyclops</i> sp.	MK207039	Mayor et al. 2019	Russia
<i>Diacyclops bicuspidatus</i>	KR048968	Baek et al. 2016	South Korea
<i>Diacyclops bisetosus</i>	MZ503633	This study	Poland
<i>Diacyclops bisetosus</i>	MZ503634	This study	Poland

<i>Diacyclops crassicaudis</i>	MZ503635	This study	Poland
<i>Diacyclops crassicaudis</i>	MZ503636	This study	Poland
<i>Diacyclops crassicaudis</i>	MZ503637	This study	Poland
<i>Diacyclops eulitoralis</i>	GU055758	Mayor et al. 2010	Russia
<i>Diacyclops galbinus</i>	GU055755	Mayor et al. 2010	Russia
<i>Diacyclops konstantini</i>	GU055757	Mayor et al. 2010	Russia
<i>Diacyclops konstantini</i>	MT176789	Unpublished	Russia
<i>Macrocyclus albidus</i>	KC617660	Prosser et al. 2013	Mexico
<i>Megacyclus viridis</i>	KC627345	Unpublished	Russia

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