

Elías-Gutiérrez *et al.*, 2019. Who is *Moina micrura*? Redescription of one of the most confusing cladocerans from *terra typica*, based on integrative taxonomy. *Limnetica*, 38 (1): 227-252 (2018)

SUPPLEMENTARY INFORMATION

Table S1. Complete list of sequences generated in this study and public sequences from BOLD and GenBank used in the analyses.

Lista completa de secuencias generadas en este estudio y secuencias públicas de BOLD y GenBank utilizadas en los análisis.

	Phylogroup name	Specimen unique ID (BOLD)	Country	GenBank accession numbers COI Gene	GenBank accession numbers 12S Gene	Reference
Terra typica	<i>Moina micrura</i> s. str.	EES614	Czech Republic	MH708065	MH708039	This study
Terra typica	<i>Moina micrura</i> s. str.	EES615	Czech Republic	MH708063	MH708034	This study
Terra typica	<i>Moina micrura</i> s. str.	EES620	Czech Republic	MH708055	MH708022	This study
Terra typica	<i>Moina micrura</i> s. str.	EES622	Czech Republic	MH708068	MH708042	This study
Terra typica	<i>Moina micrura</i> s. str.	EES623	Czech Republic	MH708060	MH708031	This study
Terra typica	<i>Moina micrura</i> s. str.	EES624	Czech Republic	MH708067	MH708041	This study
Terra typica	<i>Moina micrura</i> s. str.	EES626	Czech Republic	MH708058	MH708025	This study
Terra typica	<i>Moina micrura</i> s. str.	EES627	Czech Republic	MH708054	MH708021	This study
Terra typica	<i>Moina micrura</i> s. str.	EES628	Czech Republic	MH708066	MH708040	This study
Terra typica	<i>Moina micrura</i> s. str.	EES629	Czech Republic	MH708069	MH708043	This study
	<i>Moina cf. micrura</i>	EES056	Spain	MH708057	MH708024	This study
	<i>Moina cf. micrura</i>	EES069	Spain	MH708059	MH708027	This study
	<i>Moina cf. micrura</i>	EES093	Spain	MH708062	MH708033	This study
	<i>Moina cf. micrura</i>	EES094	Spain	MH708061	MH708032	This study
	<i>Moina cf. micrura</i>	EES054	Spain	MH708073	MH708046	This study
	<i>Moina cf. micrura</i>	EES089	Spain	MH708071		This study
	<i>Moina cf. micrura</i>	EES518	Spain	MH708064	MH708036	This study
	<i>Moina cf. micrura</i>	EES519	Spain	MH708072	MH708044	This study
	<i>Moina cf. micrura 2</i>	ZPLKA028	Mexico	MH708056		This study
	<i>Moina cf. micrura 2</i>	ZPLKA123	Mexico	MH708070		This study
	<i>Moina cf. micrura</i>	EES646	Spain		MH708023	This study
	<i>Moina cf. micrura</i>	EES647	Spain		MH708030	This study
	<i>Moina cf. micrura</i>	EES648	Spain		MH708035	This study
Terra typica	<i>Moina micrura</i> s. str.	CZ001	Czech Republic		MH708038	This study
	<i>Moina micrura</i> s. str.	CZ002	Slovakia		MH708028	This study
	<i>Moina micrura</i> s. str.	CZ003	Israel		MH708029	This study

	<i>Moina cf. micrura</i>	CZ004	Ethiopia		MH708037	This study
	<i>Moina cf. micrura</i>	CZ005	Hungary		MH708026	This study
	<i>Moina cf. micrura</i>	CZ006	Spain		MH708045	This study
Terra typica	<i>Moina micrura</i> s. str.	AF339093	Czech Republic		AF339093	Petrusek <i>et al.</i> , 2004
	<i>Moina cf. micrura</i>	CZ007	Australia	AF339092		Petrusek <i>et al.</i> , 2004
	<i>Moina cf. micrura</i>	KC479042	India	KC479042		Dumont <i>et al.</i> , direct submission
	<i>Moina cf. micrura</i>	HQ336797.1	Russia	HQ336797.1		Frolova <i>et al.</i> , direct submission
	<i>Moina cf. micrura</i>	HE-643.1	South Korea	KC617390.1		Prosser <i>et al.</i> , 2013
	<i>Moina cf. micrura</i>	HE-647.1	South Korea	KC617391.1		Prosser <i>et al.</i> , 2013
	<i>Moina cf. micrura</i>	HE-645.1	South Korea	KC617392.1		Prosser <i>et al.</i> , 2013
	<i>Moina cf. micrura</i>	HE-646.1	South Korea	KC617393.1		Prosser <i>et al.</i> , 2013
	<i>Moina cf. micrura</i>	HE-644.1	South Korea	KC617394.1		Prosser <i>et al.</i> , 2013
	<i>Moina cf. micrura</i> 1	ZPLMX363	Mexico	EU702200.1		Elías-Gutiérrez <i>et al.</i> , 2008
	<i>Moina cf. micrura</i> 1	ZPLMX290	Mexico	EU702203.1		Elías-Gutiérrez <i>et al.</i> , 2008
	<i>Moina cf. micrura</i> 1	ZPLMX288	Mexico	EU702204.1		Elías-Gutiérrez <i>et al.</i> , 2008
	<i>Moina cf. micrura</i> 1	ZPLMX287	Mexico	EU702205.1		Elías-Gutiérrez <i>et al.</i> , 2008
	<i>Moina cf. micrura</i> 1	ZPLMX286	Mexico	EU702206.1		Elías-Gutiérrez <i>et al.</i> , 2008
	<i>Moina cf. micrura</i> 1	ZPLMX285	Mexico	EU702207.1		Elías-Gutiérrez <i>et al.</i> , 2008
	<i>Moina cf. micrura</i> 1	ZPLMX376	Mexico	EU702208.1		Elías-Gutiérrez <i>et al.</i> , 2008
	<i>Moina cf. micrura</i> 1	ZPLMX375	Mexico	EU702209.1		Elías-Gutiérrez <i>et al.</i> , 2008
	<i>Moina cf. micrura</i> 1	ZPLMX374	Mexico	EU702210.1		Elías-Gutiérrez <i>et al.</i> , 2008

	<i>Moina cf. micrura</i> 1	ZPLMX373	Mexico	EU702211.1		Elías-Gutiérrez <i>et al.</i> , 2008
	<i>Moina cf. micrura</i> 1	ZPLMX372	Mexico	EU702212.1		Elías-Gutiérrez <i>et al.</i> , 2008
	<i>Moina cf. micrura</i> 1	ZPLMX371	Mexico	EU702213.1		Elías-Gutiérrez <i>et al.</i> , 2008
	<i>Moina cf. micrura</i> 1	ZPLMX369	Mexico	EU702215.1		Elías-Gutiérrez <i>et al.</i> , 2008
	<i>Moina cf. micrura</i> 1	ZPLMX368	Mexico	EU702216.1		Elías-Gutiérrez <i>et al.</i> , 2008
	<i>Moina cf. micrura</i> 1	ZPLMX367	Mexico	EU702217.1		Elías-Gutiérrez <i>et al.</i> , 2008
	<i>Moina cf. micrura</i> 1	ZPLMX366	Mexico	EU702218.1		Elías-Gutiérrez <i>et al.</i> , 2008
	<i>Moina cf. micrura</i> 1	ZPLMX168	Mexico	EU702226.1		Elías-Gutiérrez <i>et al.</i> , 2008
	<i>Moina cf. micrura</i> 1	ZPLMX167	Mexico	EU702227.1		Elías-Gutiérrez <i>et al.</i> , 2008
	<i>Moina cf. micrura</i> 1	ZPLMX370	Mexico	EU702214.1		Elías-Gutiérrez <i>et al.</i> , 2008
	<i>Moina cf. micrura</i> 2	ZPLMX348	Mexico	EU702228.1		Elías-Gutiérrez <i>et al.</i> , 2008
	<i>Moina cf. micrura</i> 2	ZPLMX347	Mexico	EU702229.1		Elías-Gutiérrez <i>et al.</i> , 2008
	<i>Moina cf. micrura</i> 2	ZPLMX346	Mexico	EU702230.1		Elías-Gutiérrez <i>et al.</i> , 2008
	<i>Moina cf. micrura</i> 2	ZPLMX345	Mexico	EU702231.1		Elías-Gutiérrez <i>et al.</i> , 2008
	<i>Moina cf. micrura</i> 2	ZPLMX344	Mexico	EU702232.1		Elías-Gutiérrez <i>et al.</i> , 2008
	<i>Moina cf. micrura</i> 2	ZPLMX343	Mexico	EU702233.1		Elías-Gutiérrez <i>et al.</i> , 2008
	<i>Moina cf. micrura</i> 2	ZPLMX342	Mexico	EU702234.1		Elías-Gutiérrez <i>et al.</i> , 2008
	<i>Moina cf. micrura</i> 2	ZPLMX341	Mexico	EU702235.1		Elías-Gutiérrez <i>et al.</i> , 2008
	<i>Moina cf. micrura</i> 2	ZPLMX340	Mexico	EU702236.1		Elías-Gutiérrez <i>et</i>

						<i>al.</i> , 2008
	<i>Moina cf. micrura</i> 2	ZPLMX339	Mexico	EU702237.1		Elías-Gutiérrez <i>et al.</i> , 2008
	<i>Moina cf. micrura</i> 2	ZPLMX338	Mexico	EU702238.1		Elías-Gutiérrez <i>et al.</i> , 2008
	<i>Moina cf. micrura</i> 2	ZPLMX188	Mexico	EU702239.1		Elías-Gutiérrez <i>et al.</i> , 2008
	<i>Moina cf. micrura</i> 2	ZPLMX153	Mexico	EU702240.1		Elías-Gutiérrez <i>et al.</i> , 2008
	<i>Moina cf. micrura</i> 2	ZPLMX154	Mexico	EU702241.1		Elías-Gutiérrez <i>et al.</i> , 2008
	<i>Moina cf. micrura</i> 2	ZPLMX147	Mexico	EU702242.1		Elías-Gutiérrez <i>et al.</i> , 2008
	<i>Moina cf. micrura</i> 2	HE-619.1	Mexico	KC617395.1		Elías-Gutiérrez <i>et al.</i> , 2008
	<i>Moina cf. micrura</i> 2	HE-619	Mexico	KC617396.1		Elías-Gutiérrez <i>et al.</i> , 2008
	<i>Moina cf. micrura</i> 2	AS30a1	Mexico	KC617104.1		Elías-Gutiérrez <i>et al.</i> , 2008
	<i>Moina cf. micrura</i> 2	HE-148	Mexico	KC617106.1		Elías-Gutiérrez <i>et al.</i> , 2008
	<i>Moina cf. micrura</i> 2	AS49a1	Mexico	KC617108.1		Elías-Gutiérrez <i>et al.</i> , 2008
	<i>Moina cf. micrura</i> 2	HE-147A	Mexico	KC617114.1		Elías-Gutiérrez <i>et al.</i> , 2008
	<i>Moina cf. micrura</i> 2	HE-148A	Mexico	KC617115.1		Elías-Gutiérrez <i>et al.</i> , 2008
	<i>Moina cf. micrura</i> 2	HE-149A	Mexico	KC617116.1		Elías-Gutiérrez <i>et al.</i> , 2008
	<i>Moina cf. micrura</i> 2	HE--405	Mexico	KC617697.1		Elías-Gutiérrez <i>et al.</i> , 2008
	<i>Moina cf. micrura</i> 2	HE--425.1	Mexico	KC617698.1		Elías-Gutiérrez <i>et al.</i> , 2008
	<i>Moina cf. micrura</i> 2	HE-218.1	Mexico	KC617699.1		Elías-Gutiérrez <i>et al.</i> , 2008
	<i>Moina cf. micrura</i> 2	HE-220.1	Mexico	KC617700.1		Elías-Gutiérrez <i>et al.</i> , 2008

	<i>Moina cf. micrura</i> 2	HE-407.1	Mexico	KC617701.1		Elías-Gutiérrez <i>et al.</i> , 2008
	<i>Moina cf. micrura</i> 2	HE-406.1	Mexico	KC617702.1		Elías-Gutiérrez <i>et al.</i> , 2008
	<i>Moina cf. micrura</i> 2	HE--405.1	Mexico	KC617703.1		Elías-Gutiérrez <i>et al.</i> , 2008
	<i>Moina cf. micrura</i> 2	HE-278.1	Mexico	KC617705.1		Elías-Gutiérrez <i>et al.</i> , 2008
	<i>Moina cf. micrura</i> 2	HE-279.1	Mexico	KC617706.1		Elías-Gutiérrez <i>et al.</i> , 2008
	<i>Moina cf. micrura</i> 2	HE-377.1	Mexico	KC617709.1		Elías-Gutiérrez <i>et al.</i> , 2008
	<i>Moina cf. micrura</i> 5	HE-566.1	Mexico	KC617397.1		Prosser <i>et al.</i> , 2013
	<i>Moina cf. micrura</i> 5	HE-565.1	Mexico	KC617398.1		Prosser <i>et al.</i> , 2013
	<i>Moina cf. micrura</i> 5	HE-564.1	Mexico	KC617399.1		Prosser <i>et al.</i> , 2013
	<i>Moina cf. micrura</i> 5	HE-563.1	Mexico	KC617400.1		Prosser <i>et al.</i> , 2013
	<i>Moina cf. micrura</i> 5	HE-601.1	Mexico	KC617401.1		Prosser <i>et al.</i> , 2013
	<i>Moina cf. micrura</i> 5	HE-601	Mexico	KC617402.1		Prosser <i>et al.</i> , 2013
	<i>Moina cf. micrura</i> 5	HE-563	Mexico	KC617403.1		Prosser <i>et al.</i> , 2013
	<i>Moina cf. micrura</i> 5	HE-564	Mexico	KC617404.1		Prosser <i>et al.</i> , 2013
	<i>Moina cf. micrura</i> 5	HE-565	Mexico	KC617405.1		Prosser <i>et al.</i> , 2013
	<i>Moina cf. micrura</i> 5	HE-566	Mexico	KC617406.1		Prosser <i>et al.</i> , 2013
	<i>Moina cf. micrura</i> 5	HE-567.1	Mexico	KC617407.1		Prosser <i>et al.</i> , 2013
	<i>Moina cf. micrura</i> 5	HE-252	Mexico	KC617124.1		Prosser <i>et al.</i> , 2013
	<i>Moina cf. micrura</i> 5	HE-253	Mexico	KC617125.1		Prosser <i>et al.</i> , 2013
	<i>Moina cf. micrura</i> 5	HE-251.1	Mexico	KC617714.1		Prosser <i>et al.</i> , 2013
	<i>Moina cf. micrura</i> 5	HE-252.1	Mexico	KC617715.1		Prosser <i>et al.</i> , 2013
	<i>Moina cf. micrura</i> 5	HE-253.1	Mexico	KC617716.1		Prosser <i>et al.</i> , 2013
	<i>Moina cf. micrura</i> 5	HE-304.1	Mexico	KC617717.1		Prosser <i>et al.</i> , 2013
	<i>Moina cf. micrura</i> 2	AS53a1	Mexico	KC617105.1		Elías-Gutiérrez <i>et al.</i> , 2008

	<i>Moina cf. micrura</i> 2	AS30a2	Mexico	KC617112.1		Elías-Gutiérrez <i>et al.</i> , 2008
	<i>Moina cf. micrura</i> 3	ZPLMX119	Mexico	EU702245		Elías-Gutiérrez <i>et al.</i> , 2008
	<i>Moina cf. micrura</i> 3	ZPLMX120	Mexico	EU702244		Elías-Gutiérrez <i>et al.</i> , 2008
	<i>Moina cf. micrura</i> 3	ZPLMX355	Mexico	EU702243		Elías-Gutiérrez <i>et al.</i> , 2008
	<i>Moina cf. micrura</i> 4	HE-249.1	Mexico	KC617710.1		Prosser <i>et al.</i> , 2013
	<i>Moina cf. micrura</i> 4	HE-248.1	Mexico	KC617711.1		Prosser <i>et al.</i> , 2013
	<i>Moina cf. micrura</i> 4	HE-246.1	Mexico	KC617712.1		Prosser <i>et al.</i> , 2013
	<i>Moina cf. micrura</i> 4	HE-250.1	Mexico	KC617713.1		Prosser <i>et al.</i> , 2013
	<i>Moina cf. micrura</i> Clade I	Zhm_232	Kazakhstan	KX168579		Bekker <i>et al.</i> , 2016
	<i>Moina cf. micrura</i> Clade J	Zhm_235	Kazakhstan	KX168580		Bekker <i>et al.</i> , 2016
	<i>Moina cf. micrura</i> Clade J	Zhm_236	Kazakhstan	KX168580		Bekker <i>et al.</i> , 2016
	<i>Moina cf. micrura</i> Clade I	Zhm_100	Hungary	KX168527		Bekker <i>et al.</i> , 2016
	<i>Moina cf. micrura</i> Clade I	Zhm_101	Hungary	KX168527		Bekker <i>et al.</i> , 2016
	<i>Moina cf. micrura</i> Clade I	Zhm_151	Russia	KX168554		Bekker <i>et al.</i> , 2016
	<i>Moina cf. micrura</i> Clade I	Zhm_152	Russia	KX168554		Bekker <i>et al.</i> , 2016
	<i>Moina cf. micrura</i> Clade I	Zhm_153	Russia	KX168555		Bekker <i>et al.</i> , 2016
	<i>Moina cf. micrura</i> Clade I	Zhm_154	Russia	KX168555		Bekker <i>et al.</i> , 2016
	<i>Moina cf. micrura</i> Clade H	Zhm_042	Russia	KX168510		Bekker <i>et al.</i> , 2016
	<i>Moina cf. micrura</i> Clade H	Zhm_045	Russia	KX168510		Bekker <i>et al.</i> , 2016
	<i>Moina cf. micrura</i> Clade H	Zhm_046	Russia	KX168512		Bekker <i>et al.</i> , 2016
	<i>Moina cf. micrura</i> Clade H	Zhm_047	Russia	KX168512		Bekker <i>et al.</i> , 2016
	<i>Moina cf. micrura</i> Clade H	Zhm_003	Russia	KX168504		Bekker <i>et al.</i> , 2016
	<i>Moina cf. micrura</i> Clade H	Zhm_220	Russia	KX168576		Bekker <i>et al.</i> , 2016
	<i>Moina macrocopa</i> *	CZ008	Czech Republic	AF339090		Petrusek <i>et al.</i> , 2004
	<i>Moina macrocopa</i> *	ZPLMX262	Mexico	EU702249		Elías-Gutiérrez <i>et al.</i> , 2008

	<i>Moina macrocopa</i> *	ZPLMX263	Mexico	EU702248		Elías-Gutiérrez <i>et al.</i> , 2008
	<i>Moina macrocopa</i> *	ZPLMX335	Mexico	EU702246		Elías-Gutiérrez <i>et al.</i> , 2008