

Tab. S1. List of specimens included in the molecular analyses. Taxonomic designation, sample ID (DNA code), locality, BOLD accession numbers (mtCOI) and the origin of the sequences are given. No. in the 4th column refers to the numbers shown on map (Fig. 1). Abbreviations: HR = Croatia, BG = Bulgaria, BIH = Bosnia and Herzegovina, MNE = Montenegro, AL = Albania.

Taxonomy	Sample ID	Locality	No.	Accession Numbers		Reference
				COI	16S rRNA	
<i>Euscorpius lagostae</i>	CROB1469	HR: Pelješac, Potomje, Donja Banda mine	4	LAGOS007-26		This study
	CROB1470	HR: Pelješac, Potomje, Donja Banda mine	4	LAGOS008-26	PZ014169	This study
	CROB1475	HR: Hvar Island, Zastrašiće	7	LAGOS009-26	PZ014170	This study
	CROB1485	Hvar Island, Dol - Stari Grad	5	LAGOS010-26	PZ014171	This study
	CROB616	HR: Lastovo Island, Uska bay	2	CROSC040-21	OK491418	PODNAR <i>et al.</i> , 2021
	CROB617	HR: Lastovo Island, Rača špilja; cave entrance	1	CROSC041-21	OK491419	PODNAR <i>et al.</i> , 2021
<i>E. aff. lagostae</i>	CROB1015	HR: Mljet Island, Korita, Gospa od Brijega	16	LAGOS001-26	PZ014162	This study
	CROB1156	HR: Mljet Island, Stražište, trail Sv. Pavla (Saint Paul)	15	LAGOS002-26	PZ014163	This study
	CROB1273	HR: Mljet Island, Korita, W Radino brdo	17	LAGOS003-26		This study
	CROB1280	HR: Mljet Island, Gospa od Brijega	16	LAGOS004-26		This study
	CROB1272	HR: Mljet Island, Pomena, Kulijer bay	19	LAGOS005-26		This study
	CROB1279	HR: Mljet Island, Sobra	18	LAGOS006-26		This study
	CROB376	HR: Dubrovnik coast, Ljubač	10	CROSC043-21	PZ027916	PODNAR <i>et al.</i> , 2021, this study
	CROB375	HR: Konavle, Vitaljina	12	CROSC044-21	OK491408	PODNAR <i>et al.</i> , 2021
	CROB155	HR: Pelješac, Deveterica; cave entrance, S Putniković	9	CROSC039-21	OK491397	PODNAR <i>et al.</i> , 2021
	CROB2	HR: Lokrum islet	13	CROSC042-21	OK491393	PODNAR <i>et al.</i> , 2021
	VF-0795	BIH: 15 km S Trebinje	11	AMSCO056-10		FET <i>et al.</i> , 2014.
<i>E. salentinus</i>	si113(=VV113)	I: Salento, Puglia			DQ989928	SALOMONE <i>et al.</i> , 2007
	si110(=VV110)	I: Salento, Puglia			DQ989927	SALOMONE <i>et al.</i> , 2007
	si80(=VV80)	I: Salento, Puglia			DQ989926	SALOMONE <i>et al.</i> , 2007
<i>E. canestrinii</i>	FES9	I: Sardinia, San Pantaleo		GACO2305-19	KC215639	PARMAKELIS <i>et al.</i> , 2013
<i>E. sicanus</i>	si2(=VV2/EcNE2)	I: Nebrodi, Sicily			AY090076	FET <i>et al.</i> , 2003
<i>E. garganicus</i>	si79(=VV79/EcGA1)	I: Gargano, Puglia			AY090085	FET <i>et al.</i> , 2003
	si84(=VV84/EcTR1)	I: Tremiti Islands, Puglia			AY090084	FET <i>et al.</i> , 2003
<i>E. celanus</i>	S501	I: Abruzzo		GACO5149-19	MK421861	ŠTUNDLOVÁ <i>et al.</i> , 2019

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<i>E. hadzii</i>	189F	AL: Bjeshket e Nemuna (Prokletije Mts)		GACO2283-19	KC215582	PARMAKELIS <i>et al.</i> , 2013
<i>E. aff. hadzii</i>	SBH124	BIH: Prenj Mt., Boračko jezero, Presjeka		LAGOS011-26	PZ014164	This study
	SBH96	BIH: Kalinovik, Ljuta		LAGOS012-26	PZ014165	This study
	SCBIH56	BIH: Konjic, Vrabač, Borci		LAGOS013-26		This study
	FESP08	MNE: Lovćen Mt., National Park		GACO2281-19	KC215643	PARMAKELIS <i>et al.</i> , 2013
	VF-0805	MNE: Orjen Mts., above Risan, between Donje and Gornje Ledenice		AMSCO065-10		iBOL
	VF-0809	MNE: Lovćen Mt., Jezerski vrh		AMSCO068-10		iBOL
	VF-0796	BIH: Čemerno pass		AMSCO057-10		FET <i>et al.</i> , 2014
	VF-0807	MNE: Budva, Višnjeva		AMSCO066-10		GRAHAM <i>et al.</i> , 2012
	SCBIH65	BIH: Foča		LAGOS018-26		This study
<i>E. solegladi</i>	VF-0801	BG: Blagoevgrad, Sandanska Bistrisa		AMSCO062-10		FET <i>et al.</i> , 2014
	VF-0802	BG: Pernik, Baikalsko		AMSCO063-10		FET <i>et al.</i> , 2014
	VF-0799	BG		AMSCO060-10		FET <i>et al.</i> , 2014
<i>E. spp.</i>	STSP5	AL: Dajti Mt.		GACO2282-19	KC215661	PARMAKELIS <i>et al.</i> , 2013
	SCBIH53	BIH: Višegrad, Klačnik, Tara		LAGOS014-26	PZ014167	This study
	SCBIH66	BIH: Višegrad, Manastir Dobruna		LAGOS017-26	PZ014166	This study
	SCBIH52	HR: Klek, Smrdengrad	8	LAGOS015-26	PZ014168	This study
<i>E. tergestinus</i>	CROB178	HR: Trstenik, Čičarija Mt.		CROSCO79-21	OK491399	PODNAR <i>et al.</i> , 2021
	CROB180	HR: Baške Oštarije, Basača, Mt. Velebit		CROSCO74-21	OK491400	PODNAR <i>et al.</i> , 2021
<i>E. cf. tergestinus</i>	CROB223	HR: Rudine-Čičiži, island Krk		CROSCO82-21	OK491404	PODNAR <i>et al.</i> , 2021
	CROB563	HR: Brgulje, island Molat		CROSCO84-21	OK491412	PODNAR <i>et al.</i> , 2021
<i>E. borovaglavaensis</i>	CROB197	HR: Svilaja Mt.		CROSCO36-21	OK491401	PODNAR <i>et al.</i> , 2021
	CROB613	BIH: Cebara; quarry, Tomislavgrad		CROSCO34-21	OK491416	PODNAR <i>et al.</i> , 2021
<i>E. aquilejensis</i>	CROB176	HR: Špilja na Gradini; cave, Kamenjak		CROSCO31-21	OK491398	PODNAR <i>et al.</i> , 2021
	CROB226	HR: Jama Podslotinjak; cave, Žman, island Dugi otok		CROSCO25-21	OK491405	PODNAR <i>et al.</i> , 2021
<i>E. feti</i>	CROB371	HR: Tarina jama; cave, Opuzen		CROSCO57-21	OK491407	PODNAR <i>et al.</i> , 2021
	CROB614	HR: Pišurka; cave, island Korčula		CROSCO56-21	OK491417	PODNAR <i>et al.</i> , 2021
<i>E. italicus</i>	CROB221	HR: Ložišće, island Brač		CROSCO06-20	CROSC006-20	PODNAR <i>et al.</i> , 2021
	CROB6	HR: Lukovo Šugarje		CROSCO01-20	CROSC001-20	PODNAR <i>et al.</i> , 2021

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<i>E. cf. biokovensis</i>	CROB571	HR: Golubinka u gaju; cave, Baletići, Vrgorac		CROSCO61-21		PODNAR <i>et al.</i> , 2021
	CROB1	HR: Jama pod Gažnovcem; cave, Maršići, Vrgorac			OK491392	PODNAR <i>et al.</i> , 2021
<i>E. biokovensis</i>	CROB5	HR: Peći u Čulinovim Razljevinama; cave, Kolić, Dugopolje, Mosor Mt.			OK491395	PODNAR <i>et al.</i> , 2021
	CROB1482	HR: Drinova 2 Cave, Bartulovići, Biokovo Mt		LAGOS016-26		This study
<i>Tetratrichobothrius flavicaudis</i>	FEF1	I: Sardinia, Chiaramonti		KC215632	KC215632	PARMAKELIS <i>et al.</i> , 2013
	-	-		AY731175		HASSANIN, 2006