

**Table S1.** A list of 22 new *N. leucodon* and samples imported from GenBank, with IDs (GenBank accession numbers) for mtDNA gene sequences. *2n*—diploid chromosomal numbers; *NF*—fundamental number of chromosomal arms.

<sup>is</sup> - Collection Ivo Savic, IBISS; ISO – ISO country code.

<i>16S rRNA</i> ID	<i>MT-CYTB</i> ID	Sample No	Sampling locality, ISO	CF/species	<i>2n/NF</i>	Reference	<i>16SrRNA/MT-CYTB</i>
PP349447	PP378197	85RS	Čortanovci, RS	<i>montanosyrmiensis</i>	54/86	This study	
PP349461	PP378191	87RS	Košutnjak, RS	<i>syrmiensis</i>	54/90	This study	
PP349460	PP378192	91RS	Vinča, RS	<i>syrmiensis</i>	54/90	This study	
PP349459	PP378193	92RS	Vinča, RS	<i>syrmiensis</i>	54/90	This study	
PP349458	PP378194	93RS	Udovice, RS	<i>syrmiensis</i>	54/90	This study	
PP349457	PP378195	94RS	Višnjica, RS	<i>syrmiensis</i>	54/90	This study	
PP349456	PP378196	95RS	Višnjica, RS	<i>syrmiensis</i>	54/90	This study	
PP349437	PP378179	96RS	Deliblato, RS	<i>hungaricus</i>	48/84	This study	
PP349443	PP378183	97RS	Ristovac, RS	<i>serbicus</i>	54/98	This study	
PP349442	PP378184	98RS	Stara Planina, RS	<i>serbicus</i>	54/98	This study	
PP349455	PP378188	99RS <sup>is</sup>	Vinča, RS	<i>syrmiensis</i>	54/90	This study	
PP349436	PP378178	100RS <sup>is</sup>	Avala, RS	<i>hungaricus</i>	48/84	This study	
PP349454	PP378189	101RS <sup>is</sup>	Stara Pazova, RS	<i>syrmiensis</i>	54/90	This study	
PP349453	PP378190	102RS <sup>is</sup>	Jajinci, RS	<i>syrmiensis</i>	54/90	This study	
PP349438	/	103RS	Deliblato, RS	<i>hungaricus</i>	48/84	This study	
PP349439	/	104RS	Deliblato, RS	<i>hungaricus</i>	48/84	This study	
PP349449	PP378198	106RS	Krušedol, RS	<i>montanosyrmiensis</i>	54/86	This study	
PP349450	PP378199	107RS	Krušedol, RS	<i>montanosyrmiensis</i>	54/86	This study	
PP349452	PP378186	108RS	Ševarice, RS	<i>montanoserbicus</i>	56/82	This study	
PP349448	PP378201	110RS	Stražilovo, RS	<i>montanosyrmiensis</i>	54/86	This study	

PP349451	PP378187	112RS	Ševarice, RS	<i>montanoserbicus</i>	56/82	This study
PP349445	PP378185	113RS	Klenike, RS	<i>serbicus</i>	54/98	This study
MH979026	OM714859	1RS	Šumarak , RS	<i>hungaricus</i>	48/84	Bugarski-Stanojević et al. 2020/2022
MH979027	OM714860	2RS	Šumarak, RS	<i>hungaricus</i>	48/84	Bugarski-Stanojević et al. 2020/2022
MH979028	OM714861	3RS	Ristovac, RS	<i>serbicus</i>	54/98	Bugarski-Stanojević et al. 2020/2022
MH979029	OM714862	4RS	Pančevo, RS	<i>hungaricus</i>	48/84	Bugarski-Stanojević et al. 2020/2022
MH979030	OM714863	5RS	Kajtasovo, RS	<i>hungaricus</i>	48/84	Bugarski-Stanojević et al. 2020/2022
MH979031	OM714864	7RS <sup>is</sup>	Beograd (Banovo brdo), RS	<i>syrmiensis</i>	54/90	Bugarski-Stanojević et al. 2020/2022
MH979032	OM714865	8RS <sup>is</sup>	Stražilovo, RS	<i>montanosyrmiensis</i>	54/86	Bugarski-Stanojević et al. 2020/2022
MH979033	OM714866	9RS <sup>is</sup>	Zlatibor Mt, RS	<i>montanoserbicus</i>	56/82	Bugarski-Stanojević et al. 2020/2022
/	OM714867	11RS <sup>is</sup>	Vlasina, RS	<i>montanoserbicus</i>	56/82	Bugarski-Stanojević et al. 2022
MH979035	OM714871	22RS	Klinovac, RS	<i>serbicus</i>	54/98	Bugarski-Stanojević et al. 2020/2022
/	OM714872	23RS	Vlasina, RS	<i>montanoserbicus</i>	56/82	Bugarski-Stanojević et al. 2022
OL348372	OM714881	38SL	Beograd (Košutnjak), RS	<i>syrmiensis</i>	54/90	Bugarski-Stanojević et al. 2022
OM691468	OM714882	39RS	Ristovac, RS	<i>serbicus</i>	54/98	Bugarski-Stanojević et al. 2022

OL348373	OM714883	40RS	Beograd (Košutnjak), RS	<i>syrmiensis</i>	54/90	Bugarski-Stanojević et al. 2022
OM691469	OM714884	41RS	Vlasina, RS	<i>montanoserbicus</i>	56/82	Bugarski-Stanojević et al. 2022
OM691470	OM714OM885	42RS	Jadovnik Mt. (Prijepolje), RS	<i>montanoserbicus</i>	56/82	Bugarski-Stanojević et al. 2022.
OM691471	OM714886	43RS	Vršački breg, RS	<i>hungaricus</i>	48/84	Bugarski-Stanojević et al. 2022
OL348374	OM714887	44RS	Beograd (Banjica), RS	<i>syrmiensis</i>	54/90	Bugarski-Stanojević et al. 2022
OL348375	OM714893	62RS	Sremski Karlovci (Stražilovo), RS	<i>montanosyrmiensis</i>	54/86	Bugarski-Stanojević et al. 2022
OL348376	OM714894	63RS	Sremski Karlovci (Stražilovo), RS	<i>montanosyrmiensis</i>	54/86	Bugarski-Stanojević et al. 2022.
OM691478	OM714895	64RS	Vlasina, RS	<i>montanoserbicus</i>	56/82	Bugarski-Stanojević et al. 2022
OM691479	OM714896	65RS	Mačvanski Pričinović, RS	<i>montanoserbicus</i>	56/82	Bugarski-Stanojević et al. 2022
HQ652170	/		Mezőtúr, HU	<i>hungaricus</i>	48/84	Hadid et al. 2012
HQ652165	/		Šušara, RS	<i>hungaricus</i>	48/84	Hadid et al. 2012
HQ652171	/		Subotička Peščara, RS	<i>montanosyrmiensis</i>	54/86	Hadid et al. 2012
HQ652168	/		“isolate 6063”	<i>montanosyrmiensis</i>	54/86	Hadid 2010
HQ652184	/		Karaman, TU	<i>N. xanthodon</i>	60	Hadid et al. 2012
HQ652185	/		Konya, TU	<i>N. xanthodon</i>	62	Hadid et al. 2012
HQ652187	/		Malatya, TU	<i>N. x. vasvarii</i>	60	Hadid et al. 2012
HQ652176	/		Ankara, TU	<i>N. xanthodon</i>	62	Hadid et al. 2012
HQ652181	/		Denizili, TU	<i>N. xanthodon</i>	60	Hadid et al. 2012
HQ652154	/		Alma, IL	<i>N. e. galili</i>	52	Hadid et al. 2012

HQ652153	/	Alma, IL	<i>N. e. galili</i>	52	Hadid et al. 2012
HQ652164	/	Mt. Hermon, IL	<i>N. e. golani</i>	54	Hadid et al. 2012
HQ652166	/	El Al, IL	<i>N. e. golani</i>	54	Hadid et al. 2012
HQ652177	/	Anza, IL	<i>N. e. judaei</i>	60	Hadid et al. 2012
HQ652186	/	Lahav, IL	<i>N. e. judaei</i>	60	Hadid et al. 2012
JN571137	/	Muhraka, IL	<i>N. e. carmeli</i>	58	Hadid et al. 2012
NC020756	/	Mt Carmel, IL	<i>N. e. carmeli</i>	58	Hadid et al. 2012
HQ652192	/	Iași, RO	<i>Spalax graecus</i>	62	Hadid 2010
HQ652193	/	Kherson, UA	<i>S. arenarius</i>	62	Hadid 2010
HQ652172	/	Novomoszkovsz, UA	<i>S. microphthalmus</i>	60	Hadid 2010
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/	JN656390	Kelebia, RS	<i>montanosyrmiensis</i>	54/86	Nemeth et al. 2013
/	JN656389	Stražilovo, RS	<i>montanosyrmiensis</i>	54/86	Nemeth et al. 2013
/	JN656386	Čortanovci, RS	<i>montanosyrmiensis</i>	54/86	Nemeth et al. 2013
/	FJ656298	Kastamonu, TU	<i>N. xanthodon</i>	2n60	Kandemir et al. 2012
/	FJ656297	Karabük, TU	<i>N. xanthodon</i>	2n60	Kandemir et al. 2012
/	FJ656296	Kütahya, TU	<i>N. xanthodon</i>	2n60	Kandemir et al. 2012
/	FJ656292	Isparta, TU	<i>N. xanthodon</i>	2n56	Kandemir et al. 2012
/	NC020756	Carmel Mt, IL	<i>N. carmeli</i>	58	Hadid et al. 2012
/	JN571137	Carmel Mt, IL	<i>N. carmeli</i>	58	Hadid et al. 2012
/	JN571135	Judean Mt, IL	<i>N. judaei</i>	60	Hadid et al. 2012
/	JN571136	Judean Mt, IL	<i>N. judaei</i>	60	Hadid et al. 2012
/	JN571134	Golan Heights, IL	<i>N. golani</i>	54	Hadid et al. 2012
/	NC020757	Golan Heights, IL	<i>N. golani</i>	54	Hadid et al. 2012
/	JN571130	Galilee Mt, IL	<i>N. galili</i>	52	Hadid et al. 2012

/	JN571129	Galilee Mt, Il	<i>N. galili</i>	52	Hadid et al. 2012
/	KF021257	Sândulești, RO	<i>S. antiquus</i>	62	Nemeth et al. 2013
/	KF021252	David Valley, RO	<i>S. graecus</i>	62	Nemeth et al. 2013
/	KF021258	Novomoszkovsz, UK	<i>S. microphthalmus</i>	60	Nemeth et al. 2013
/	KF021262	Kherson, UK	<i>S. arenarius</i>	62	Nemeth et al. 2013
/	KF021261	Krivij Rig, UK	<i>S. zemni</i>	62	Nemeth et al. 2013

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