

Supplementary data for article:

Makarov, S. E.; Bodner, M.; Reineke, D.; Vujisić, L. V.; Todosijević, M. M.; Antić, D. Ž.; Vagalinski, B.; Lučić, L. R.; Mitić, B. M.; Mitov, P.; et al. Chemical Ecology of Cave-Dwelling Millipedes: Defensive Secretions of the Typhloiulini (Diplopoda, Julida, Julidae). *Journal of Chemical Ecology* **2017**, *43* (4), 317–326.

<https://doi.org/10.1007/s10886-017-0832-1>

Supplementary Table 1. Species list for phylogenetic analyses, voucher numbers and GenBank accession codes

Order	Family	Tribe	Species	Accession Number NCBI: 28s	Accession Number NCBI: 16s	Voucher Number	
Julida	Blaniulidae	Blaniulini	<i>Blaniulus dollfusi</i>	JF321043	JF320988	ZMUC00100954	
			<i>Blaniulus guttulatus</i>	JF321015	JF320960	ZMUC00200020	
		Boreoiulini	<i>Archiboreoiulus pallidus</i>	KF701088	KF701063	ZMUC00101178	
			<i>Boreoiulus tenuis</i>	JF321060	JF321005	ZMUC00101005	
			<i>Proteroiulus fuscus</i>	JF321028	JF320973	ZMUC00101185	
		Choneiulini	<i>Choneiulus palmatus</i>	JF321044	JF320989	ZMUC00100758	
		Nopoiulini	<i>Nopoiulus kochii</i>	KF701108	KF701083	ZMUC00103127	
		Julidae	Brachyiulini	<i>Acropoditius kinzelbachi</i>	KF701110	KF701085	ZMUC00021405
				<i>Anaulaciulus golovatchi</i>	JF321036	JF320981	ZMUC00100963
				<i>Brachyiulus bagnalli</i>	JF321039	JF320984	ZMUC00100790
				<i>Brachyiulus pusillus</i>	JF321038	JF320983	ZMUC00100789
				<i>Megaphyllum bosniense</i>	KF701098	KF701073	ZMUC00021391
				<i>Megaphyllum hercules</i>	KF701100	KF701075	ZMUC00021393
	<i>Megaphyllum montivagum</i>			KF701092	KF701067	ZMUC00101492	
	<i>Megaphyllum projectum</i>			JF321018	JF320963	ZMUC00200023	
	<i>Megaphyllum rhodopinum</i>			KF701101	KF701076	ZMUC00021394	
	<i>Megaphyllum rossicum</i>			KF701094	KF701069	ZMUC00101119	
	<i>Megaphyllum transsylvanicum</i>			KF701099	KF701074	ZMUC00021392	
	<i>Megaphyllum unilineatum</i>			KF701104	KF701079	ZMUC00021397	
	Calyptophyllini			<i>Calyptophyllum longiventre</i>	JF321021	JF320966	ZMUC00200148
	Cylindroiulini	<i>Allajulus nitidus</i>	JF321023	JF320968	ZMUC00200175		
		<i>Cylindroiulus algerinus</i>	JF321047	JF320992	ZMUC00101061		
		<i>Cylindroiulus apenninorum</i>	JF321049	JF320994	ZMUC00101014		
		<i>Cylindroiulus attemsi</i>	JF321048	JF320993	ZMUC00101058		
		<i>Cylindroiulus boleti</i>	JF321017	JF320962	ZMUC00200022		
		<i>Cylindroiulus caeruleocinctus</i>	JF321009	JF320954	ZMUC00101181		
<i>Cylindroiulus horvathi</i>	JF321040	JF320985	ZMUC00100791				

	<i>Cylindroiulus luridus</i>	JF321042	JF320987	ZMUC00100793
	<i>Cylindroiulus mitta</i>	JF321050	JF320995	ZMUC00101064
	<i>Cylindroiulus parisiorum</i>	JF321051	JF320996	ZMUC00101031
	<i>Cylindroiulus punctatus</i>	JF321014	JF320959	ZMUC00200019
	<i>Cylindroiulus tunetanus</i>	JF321052	JF320997	ZMUC00101065
	<i>Enantiulus nanus</i>	JF321032	JF320977	ZMUC00100754
	<i>Kryphioiulus occultus</i>	JF321034	JF320979	ZMUC00100757
Julini	<i>Haplopodoiulus spathifer</i>	JF321058	JF321003	ZMUC00101004
	<i>Julus scandinavicus</i>	JF321012	JF320957	ZMUC00200018
	<i>Pacifiulus amurensis</i>	JF321035	JF320980	ZMUC00100959
Leptoiulini	<i>Leptoiulus proximus</i>	JF321016	JF320961	ZMUC00200021
	<i>Leptoiulus trilineatus</i>	JF321041	JF320986	ZMUC00100792
	<i>Ophiulus pilosus</i>	JF321024	JF320969	ZMUC00200176
	<i>Xestoiulus imbecillus</i>	KF701093	KF701068	ZMUC00101120
Leucogeorgiini	<i>Archileucogeorgia sp</i>	KF701091	KF701066	ZMUC00101662
	<i>Heteroiulus intermedius</i>	JF321019	JF320964	ZMUC00200077
	<i>Nepalmatoiulus birmanicus</i>	KF701109	KF701084	ZMUC00101354
	<i>Nepalmatoiulus generalis</i>	KF701090	KF701065	ZMUC00101661
	<i>Nepalmatoiulus sp.</i>	JF321020	JF320965	ZMUC00200145
Metaiulini	<i>Metaiulus pratensis</i>	KF701089	KF701064	ZMUC00101657
Oncoiulini	<i>Unciger foetidus</i>	JF321033	JF320978	ZMUC00100755
	<i>Unciger transsilvanicus</i>	KF701102	KF701077	ZMUC00021395
Pachyiulini	<i>Anagaiulus blancatypa</i>	JF321056	JF321001	ZMUC00101029
	<i>Apfelbeckiella bulgarica</i>	KF701105	KF701080	ZMUC00021398
	<i>Chersoius sphinx</i>	KF701095	KF701070	ZMUC00101686
	<i>Dolichoiulus dubiosus</i>	JF321062	JF321007	ZMUC00200138
	<i>Dolichoiulus tongiorgii</i>	JF321026	JF320971	ZMUC00200178
	<i>Dolichoiulus xylomystax</i>	JF321061	JF321006	ZMU00101028C
	<i>Pachyiulus hungaricus</i>	KF701103	KF701078	ZMUC00021396
	<i>Pachyiulus varius</i>	JF321037	JF320982	ZMUC00101187
	<i>Pachyiulus varius</i>	JF321055	JF321000	ZMUC00101011

	Paectophyllini	<i>Catamicrophyllum caifanum</i>	JF321057	JF321002	ZMUC00101037
		<i>Mesomeritius indivisus</i>	KF701107	KF701082	ZMUC00021387
		<i>Paectophyllum escherichii</i>	KF701096	KF701071	ZMUC00101712
	Pteridoiulini	<i>Pteridoiulus aspidiorum</i>	KF701112	KF701087	ZMUC00021417
	Schizophyllini	<i>Ommatoiulus moreletii</i>	JF321013	JF320958	ZMUC00200101
		<i>Ommatoiulus punicus</i>	JF321053	JF320998	ZMUC00101056
		<i>Ommatoiulus sabulosus</i>	JF321010	JF320955	ZMUC00101182
		<i>Tachypodoiulus niger</i>	JF321025	JF320970	ZMUC00200177
	Typhloiulini	<b><i>Lamellotyphlus sotirovi</i></b>	KY655322	KY655314	FBIZO1120*
		<b><i>Serboiulus deelemani</i></b>	KY701736	KY701734	FBIZO1160*
		<b><i>Serboiulus lucifugus</i></b>	KY701737	KY701735	FBIZO1180*
		<b><i>Typhloiulus nevoi</i></b>	KY655327	KY655319	FBIZO1140*
		<b><i>Typhloiulus bureschi</i></b>	KY655323	KY655315	NHMW 8683 (1♀)*
		<b><i>Typhloiulus aff. lobifer</i></b>	KY655324	KY655316	FBIZO10017*
		<b><i>Typhloiulus georgievi</i></b>	KY655325	KY655317	NHMW 8684 (1♂)*
		<b><i>Typhloiulus lobifer</i></b>	KY655326	KY655318	FBIZO1130*
		<b><i>Typhloiulus serborum</i></b>	---	KY655320	FBIZO1150*
		<i>Typhloiulus orpheus</i>	KF701106	KF701081	ZMUC00021400
		<b><i>Typhloiulini sp. n.</i></b>	KY655328	KY655321	in process of description (Vagalinski et al., unpublished)
	Parajulidae	<i>Uroblaniulus caroliniensis</i>	JF321059	JF321004	ZMUC00101026
	Mongoliulidae	<i>Kopidoiulus continentalis</i>	JF321046	JF320991	ZMUC00100957
	Nemasomatidae	<i>Nemasoma varicorne</i>	JF321030	JF320975	ZMUC00101183
		<i>Thalassisobates littoralis</i>	KF701097	KF701072	ZMUC00101123
Spirostreptida	Harpagophoridae	<i>Thyropygus bearti</i>	JF321008	JF320953	ZMUC00200141

Only species in **bold** were investigated in this study. Meta-data for the remaining taxa are from Enghoff et al. (2011, 2013). \*Voucher deposition & museum/institution acronyms: NHMW (Natural History Museum of Vienna), NMNHS (National Museum of Natural History Sofia), FBIZO (Faculty of Biology, Institute of Zoology, University of Belgrade)