

## List of invertebrate species encountered and described in the Movile Cave ecosystem

Species marked with an asterisk are endemic to Movile Cave and the adjacent sulfidic aquifer

<i>Species</i>	<i>Taxonomical affiliation</i>	<i>Reference</i>
1. <i>Dendrocoelum obstinatum</i> * Stocchino et al., 2017	Plathelminthes, Dendrocoelidae	Stocchino et al., 2017
2. <i>Panagrolaimus</i> c.f. <i>thienemani</i> *	Nematoda, Panagrolaimidae	Muschiol et al., 2015
3. <i>Chronogaster troglodytes</i> * Poinar et Sarbu, 1994	Nematoda, Chronogasteridae	Poinar et Sarbu, 1994
4. <i>Udonchus tenuicaudatus</i> Cobb. 1913	Nematoda, Rhabdolaimidae	Muschiol et al., 2015
5. <i>Poikilolaimus</i> sp.	Nematoda, Rhabditidae	Muschiol et al., 2015
6. <i>Monhystrella</i> sp.	Nematoda, Monhysteridae	Muschiol et al., 2015
7. <i>Habrotrocha rosa</i> Donner, 1949	Rotatoria, Habrotrochidae	Claudia Ricci, pers. com.
8. <i>Habrotrocha bidens</i> Gosse, 1851	Rotatoria, Habrotrochidae	Claudia Ricci, pers. com.
9. <i>Haemopis caeca</i> * Manoleli et al., 1998	Annelida, Hirudinea, Haemopidae	Manoleli et al., 1998
10. <i>Helodrilus</i> n. sp. *	Annelida, Clitellata, Lumbricidae	Martin, P., pers. com.
11. <i>Aeolosoma hyalinum</i> Bunke, 1967	Annelida, Aeolosomatidae	Dumnicka, E., pers. com.
12. <i>Aeolosoma litorale</i> Bunke, 1967	Annelida, Aeolosomatidae	Dumnicka, E., pers. com.
13. <i>Heleobia dobrogica</i> * (Grossu et Negrea, 1989)	Gastropoda, Moitessieriidae	Falniowski et al., 2008
14. <i>Pseudocandona</i> n. sp. *	Crustacea, Ostracoda, Cyprididae	Danielopol, pers. com.
15. <i>Eucyclops graeteri scythicus</i> * Plesa 1989	Crustacea, Copepoda, Cyclopidae	Plesa, 1989
16. <i>Tropocyclops prasinus</i> (Fischer, 1860)	Crustacea, Copepoda, Cyclopidae	Plesa, 1989
17. <i>Parapseudoleptomesochra italica</i> Pesce et Petkovski, 1980	Crustacea, Copepoda, Harpacticoida	Rouch, pers. com.
18. <i>Niphargus racovitzai</i> * Dancau, 1970	Crustacea, Amphipoda, Niphargidae	Dancau, 1970
19. <i>Niphargus dancaui</i> * Brad et al., 2015	Crustacea, Amphipoda, Niphargidae	Brad et al., 2015
20. <i>Asellus aquaticus infernus</i> * Turk-Prevorčnik et Blejec, 1998	Crustacea, Isopoda, Asellidae	Turk-Prevorčnik et Blejec, 1998
21. <i>Caucasonethes</i> n.sp. *	Crustacea, Isopoda, Trichioniscidae	Tabacaru, pers. com.
22. <i>Haplophthalmus movilae</i> * Gruia et Giurginga, 1998	Crustacea, Isopoda, Trichioniscidae	Gruia et Giurginga, 1998
23. <i>Trachelipus troglobius</i> * Tabacaru et Boghean, 1989	Crustacea, Isopoda, Trachelipodidae	Tabacaru et Boghean, 1989
24. <i>Armadillidium tabacarui</i> * Gruia et al., 1994	Crustacea, Isopoda, Armadillidiidae	Gruia et al., 1994
25. <i>Chthonius monicae</i> * Boghean, 1989	Arachnida, Chthoniidae	Boghean, 1989
26. <i>Chthonius borissketi</i> * Ćurčić et al., 2014	Arachnida, Chthoniidae	Ćurčić et al., 2014
27. <i>Roncus dragobete</i> * Ćurčić et al., 1993	Arachnida, Neobisiidae	Ćurčić et al., 1993
28. <i>Roncus ciobanmos</i> * Ćurčić et al., 1993	Arachnida, Neobisiidae	Ćurčić et al., 1993
29. <i>Carniella brignolii</i> Thaler et Steinberger, 1988	Arachnida, Araneae, Theridiidae	Nae, pers. com.
30. <i>Palliduphantes constantinescui</i> * (Georgescu, 1989)	Arachnida, Araneae, Linyphiidae	Georgescu, 1989
31. <i>Agraecina cristiani</i> * (Georgescu, 1989)	Arachnida, Araneae, Liocranidae	Georgescu, 1989
32. <i>Kryptonesticus georgescuae</i> * Nae, Sarbu & Weiss, 2018	Arachnida, Araneae, Nesticidae	Nae, Sarbu & Weiss, 2018
33. <i>Hahnia caeca</i> * (Georgescu et Sarbu, 1992)	Arachnida, Araneae, Hahniidae	Georgescu et Sarbu, 1992
34. <i>Dysdera hungarica</i> Kulczynski, 1897	Arachnida, Araneae, Dysderidae	Weiss, I., pers. com.
35. <i>Labidostoma motasi</i> * Iavorschi, 1992	Arachnida, Acarina, Nicoletiellidae	Iavorschi, 1992
36. <i>Geophilus alpinus</i> Meinert, 1870	Chilopoda, Geophilidae	Zapparoli, pers. com.
37. <i>Clinopodes flavidus carynthiacus</i> (Latzel, 1880)	Chilopoda, Geophilidae	Zapparoli, pers. com.

38. <i>Cryptops speleorex</i> * Vahtera et al., 2020	Chilopoda, Cryptopidae	Vahtera et al., 2020
39. <i>Symphylella</i> sp.	Symphyla, Scolopendrellidae	Sheller, U., pers. com.
40. <i>Archiboreoiulus serbansarbui</i> * Giurginca et al., 2020	Diplopoda, Julida, Julidae	Giurginca et al., 2020
41. <i>Strongylosona jaqueti</i> Verhoeff, 1898	Diplopoda, Paradoxosomatidae	Tajovsky, K., pers. com.
42. <i>Pygmarrhopalites pygmaeus</i> * Wankel, 1860	Collembola, Arrhopalitidae	Gruia, 2003
43. <i>Onychiurus bogheani</i> * Gruia, 1989	Collembola, Onychiuridae	Gruia, 1989
44. <i>Heteromurus nitidus</i> (Templeton, 1835)	Collembola, Entomobryidae	Gruia, 1998 -1999
45. <i>Oncopodura vioreli</i> * Gruia, 1989	Collembola, Cyphoderidae	Gruia, 1989
46. <i>Plusiocampa isterina</i> * Conde, 1993	Diplura, Compodeidae	Conde, 1993
47. <i>Plusiocampa euxina</i> * Conde, 1996	Diplura, Compodeidae	Conde, 1996
48. <i>Medon dobrogicus</i> * Decu et Georgescu, 1994	Coleoptera, Staphylinidae	Decu et Georgescu, 1994
49. <i>Tychobythinus sulphydricus</i> * Poggi et Sarbu, 2013	Coleoptera, Staphylinidae	Poggi et Sarbu, 2013
50. <i>Decumarellus sarbui</i> * Poggi, 1994	Coleoptera, Staphylinidae	Poggi, 1994
51. <i>Bryaxis dolosus</i> * Poggi et Sarbu, 2013	Coleoptera, Staphylinidae	Poggi et Sarbu, 2013
52. <i>Clivina subterranea</i> * Decu et al., 1994	Coleoptera, Clivinidae	Decu et al., 1994
53. <i>Nepa anophthalma</i> * Decu et al., 1994	Hemiptera, Nepidae	Decu et al., 1994

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n. sp. – descriptions in progress