

# TRAVAUX DE L'INSTITUT DE SPÉOLOGIE «ÉMILE RACOVITZA»

Tome XLIX

2010

## CONTENTS

GHEORGHE RACOVIȚĂ, Révision systématique des Leptodirinae souterrains des Monts Apuseni. VII. Le sous-genre <i>Pholeuon</i> (s. str.) du bassin de Crișul Negru (Monts du Bihor)	3
OTILIA IVAN, NICULAI ALEXANDRU VASILIU, Fauna of Oribatid mites (Acari, Oribatida) from the Movile Cave area (Dobrogea, Romania) .....	29
EUGEN NITZU, AUGUSTIN NAE, ANDREI GIURGINCA, IONUȚ POPA, Invertebrate communities from the mesovoid shallow substratum of the Carpatho-Euxinic area .....	41
AUGUSTIN NAE, <i>Improphantes improbulus</i> (Simon, 1929) (Araneae, Linyphiidae) new record for the Roumanian fauna .....	81
IONUȚ POPA, First records and rare species of Collembola in the Roumanian Fauna – The Piatra Craiului Massif (The Carpathians) .....	87
CARMEN MĂDĂLINA CIȘMAȘIU, The taxonomic and physiologic diversity of the acidophilic bacteria of the genus <i>Thiobacillus</i> used in ores solubilization processes.....	97
CONSTANTIN MARIN, IOAN POVARĂ, ALIN TUDORACHE, GÉZA RAJKA, MIHAI TERENCE, The transfer of certain contaminants by means of surface and underground water-flows in the catchement area of Arieș stream, Romania .....	113
GABRIEL DIACONU, DELIA-GEORGETA DUMITRAȘ, ȘTEFAN MARINCEA, Mineralogical analyses in various caves from the Băile Herculane area, the Cerna Passage .....	135
MARIUS VLAICU, CRISTIAN-MIHAI MUNTEANU, ANDREI GIURGINCA, CRISTIAN GORAN, CONSTANTIN MARIN, RODICA PLĂIAȘU, RALUCA-IOANA BĂNCILĂ, ALIN TUDORACHE, Geological and ecological assessment of the exposure degree of the Zăton-Bulba karst system (Mehedinți Plateau) to the anthropogenetic hazards: intrinsic vulnerability and biodiversity study .....	149
CRISTIAN-MIHAI MUNTEANU, MARIUS VLAICU, CONSTANTIN MARIN, ALIN TUDORACHE, Geological and hydrogeological research, tools for karst management in the north of the Caraș Gorges (Banat Mountains, Romania) .....	165
<b>SHORT NOTES</b>	
IOANA NAE, New report of <i>Sorex alpinus</i> Schinz, 1837 (Mammalia: Insectivora) from the Piatra Craiului Mountains (Romania) .....	179

IONUȚ POPA, First record of <i>Orchesella pannonica</i> Stach, 1960 (Hexapoda, Collembola) in Romania .....	185
LAZĂR BOTOȘĂNEANU, ȘTEFAN NEGREA, A contribution to the history of biospeleology: unpublished notes and documents concerning the initiation of the Cuban-Romanian biospeleological expeditions to Cuba (1969, 1973) .....	189