



## CONTENTS/CUPRINS

Preface	7
Prefață	8
CONSTANTINESCU T. & DOBRESU I., The Caves Catalogue of Piatra Craiului National Park	9
MUNTEANU A.V., Geomorphological observations on the Crăpăturii Valley, focused on some geographical risk phenomena	31
MOȚOIU M.D. & MUNTEANU A.V., March 2005 severe avalanches on the eastern slope of the Piatra Craiului Massif	44
TEODOREANU E., Issues concerning the Piatra Craiului National Park bioclimate	67
ȘTEFĂNUȚ S. & POP O.G., Hornworts and liveworts of the Piatra Craiului National Park	72
CIOCĂRLAN V., DANCIU M., POP O.G. & INDREICA A., New plant taxa and new location of some important plant species for Piatra Craiului National Park	86
DANCIU M., POP O.G. & INDREICA A., The vegetation of two important habitats along the rivers of Piatra Craiului National Park (alder corridors and <i>Myricaria germanica</i> scrub)	91
PĂUNESCU A., Conservation of the endemic plant species <i>Cerastium transsilvanicum</i> Schur from Piatra Craiului Massif, using In Vitro techniques	100
ONETE M. & PĂUNESCU A., Preliminary studies on the clonality of <i>Dianthus callizonus</i> species	103
MIHĂILESCU S., Habitats identification for the proposal of Piatra Craiului National Park as Natura 2000 site	108
NICOARĂ A., A preliminary study of the terrestrial gastropods from gorges of Piatra Craiului National Park	114
PÂRVU C., The occurrence of Diptera (Insecta) in Piatra Craiului National Park and its role in the evaluation of some “Natura 2000” sites	118
MITROIU M.D. & POPESCU I.E., Pteromalidae (Hymenoptera, Chalcidoidea) identified in Piatra Craiului National Park, including two genera and six species new to Romania	140
POPOVICI O. & POPESCU I. E., Platygastriid and Scelionid Wasps (Hymenoptera, Platygastroidea: Platygastriidae, Scelionidae) of Piatra Craiului National Park	144

BAN C. M., Contributions to the knowledge of the apoid hymenopterans (Hymenoptera: Apoidea) of Piatra Craiului National Park	150
DAVIDEANU A., DAVIDEANU G. & SIMALCISIK F., Preliminary data on the benthic macro-invertebrates of the Dâmbovița River, Piatra Craiului National Park	156
IAVORSCHI V., CONSTANTINESCU T. & VLAICU M., Preliminary comments on the cavernicol and euedaphyc acariofauna in the carstic area “Prăpăstiile Zărneștilor”	164
POPA I. & GRUIA M., Collembola of Piatra Craiului National Park	172
ADAM C., New data on the spider fauna (Arachnida: Araneae) of Piatra Craiului National Park	177
MESTECĂNEANU A., Researches on birds' densities in Piatra Craiului National Park	184
GHEORGHIU V. & MURARIU D., Bats (Mamalia: Chiroptera) of Piatra Craiului National Park - Romania (with protection and conservation measures)	193
PREDOIU G, JURJ R. POPA M. & GHESTEM. M., Livestock and large carnivores in Piatra Craiului	222
POP O.G., Development of a Biodiversity Monitoring Program for the Romanian protected area. Experiences in Piatra Craiului National Park	229
IORAȘ F. & RENDER M., Conflict mitigation in Piatra Craiului National Park: policy recommendations	248
VOROVENCII I., Issues concerning the classification of the stands situated in Piatra Craiului, using average space resolution satellite images	255
ȘTEFĂNUȚ S., POP O.G. & ȘTEFĂNUȚ M., Development of species mapping software for Piatra Craiului National Park	273
HANGANU H., The use of GIS geoprocessing capabilities in the hydrologic mapping of the forested areas	280
VEZEANU C., Using GIS in Piatra Craiului National Park	288