

TABLE OF CONTENTS Vol. 2

O-126 Classification of karst features in Mount Lebanon F. Nader • <i>American University of Beirut / Speleo-Club du Liban, Beirut, Lebanon</i>	375
O-127 Cave Ulica and the denudation of the karst surface - case study from Kras, SW Slovenia A. Mihevc • <i>Karst research Institute ZRC SAZU, Postojna, Slovenia</i>	375
O-128 The underground legend of Carbon Dioxide heaviness G. Badino • <i>Dip. Fisica Generale, Universita di Torino</i>	375
O-129 Calibrated Holocene Paleotemperature Record for North America from Stable Isotopic Analyses of Speleothems and their Fluid Inclusions P.A. Beddows, R. Zhang, D.C. Ford, H.P. Schwarcz • <i>School of Geography & Geology, McMaster University, Hamilton, Ontario, Canada</i>	379
O-130 Origin of the Climatic Cycles from Orbital to Sub-Annual: Speleothem data Y.Y. Shopov, D. Stoykova, L.T. Tsankov, D.C. Ford, C.J. Yonge • <i>University Center for Space Research and Technologies, University of Sofia, Bulgaria</i>	379
O-131 Periodicity in environmental change revealed from New Zealand speleothems P.W. Williams, D.N.T. King, J.X. Zhao, K.D. Collerson • <i>Auckland University, New Zealand</i>	380
O-132 A register of Italian sea caves G. Ferrari.....	380
O-133 A school for cave rescue managers G. Ferrari • <i>Corpo Nazionale Soccorso Alpino e Speleologico, Milano, Italy</i>	385
O-134 Chemical and stable isotopes profiles along two cores from the snow deposit in the Lo Lc 1607 ice cave (Grigna Settentrionale, Italian Alps) M. Citterio, S. Turri, A. Bini, V. Maggi, B. Stenni, R. Udisti • <i>Dipartimento di Scienze della Terra "Ardito Desio", Università di Milano, DISAT - Dipartimento di Scienze dell'Ambiente e del Territorio, Università di Milano Bicocca, • Dipartimento di Scienze Geologiche, Ambientali e Marine, Università di Trieste Dipartimento di Chimica Analitica, Università di Firenze, Italy</i>	389
O-135 The speleologist's psychology and fears G.T. Katsiavos.....	394
O-136 The formation "scientific team-member" of the French Federation of Speleology S. Jaillet, D. Cailhol, M. Meyssonier • <i>Commission scientifique Lyon – France</i>	395
O-137 Qattine Azar Cave in Lebanon: From Speleology to Socio Economic development A. Comaty, J. Saadeh • <i>Association Libanaise D'Etudes Speleologiques- ALES, Lebanon</i>	401
O-138 The role of chemical weathering in the erosional speleogenesis of some caves in igneous rocks L.D. Hose • <i>National Cave and Karst Research Institute, 1400 University Drive, Carlsbad, NM 88220 USA</i>	404
O-139 Decoupled and depth stratified circulation in a coastal carbonate aquifer: Yucatan Peninsula, Mexico P.A. Beddows, P.L. Smart, S.L. Smith, R.F. Whitaker • <i>School of Geography and Geology, McMaster University, Hamilton, Canada • School of Geographical Sciences, University of Bristol, UK • Department of Earth Sciences, University of Toronto, Canada • Department of Earth Sciences, University of Bristol, UK</i>	405
O-140 Improving the Accuracy of Subsurface Cartography Using Geophysics and GIS J. A. Tallent, N. C. Crawford, P. Kambesis • <i>Center for Cave and Karst Studies, Bowling Green, KYUSA</i>	405

O-141	Recent karst and cave studies of the Aladaglar Massif, Central Taurus, Turkey, and their significance to paleogeographic reconstructions	
	L. Nazik, S. Bayari, A. Klimchouk, N. Ozyurt, K. Tork	
	<i>Mineral Research and Exploration, Ankara, Turkey • Hydrogeological Engineering Section of Hacettepe University, Ankara, Turkey • Institute of Geological Sciences, National Academy of Science of Ukraine, Kiev, Ukraine</i>	409
O-142	Results of the Field Work in Kapovaya Cave (Shulgantash)	
	Yu. Lyakhnitsky, A. Solodeinikov, A. Yushko • Team from the A. Karpinsky All-Russia Research Geological Institute of the Russian Geographic Society, Saint-Petersburg, Russia	410
O-143	Main 2001 To 2004 results on the Khammouane karst, Central Laos	
	C. Mouret	411
O-144	Specific conductivity in karst waters - what can we learn from it ?	
	W.E. Krawczyk, D.C. Ford • University of Silesia, Sosnowiec, Poland; McMaster University, Hamilton, Canada	415
O-145	Phenomenon of the underwater caves of Riviera Maya, Mexico	
	Z. Motycka • Czech Speleological Society, Czech Republic	415
O-146	The formations of the grutas del palmito (Bustamante, Nuevo Leon, Mexico) Preliminary results	
	P. Forti, A.A. Cigna • Univ. Bologna, Bologna, Italy	417
	UIS-SSI, Italy	
O-147	The hydrodynamic Behaviour of Cretaceous and Oligomiocene karstic aquifers of Boroujerd (West of Iran)	
	M. Ahmadipour, B. Ebrahimi • Lorestan University, Iran • Isfahan Regional Water Board, IR.Iran	420
O-148	Recent exploration undertaken by S.EL.A.S. club in the "Dersios" sink-hole at Paleochora, Arcadia	
	N. Mitsakis, S. Zacharias • S.EL.A.S Club	420
O-149	Environment research regarding the use of the potentially therapeutical factors which exist in the cavities of a salt mine for the performance of certain perspectives of speleotherapy development in Romania	
	I. Simionca, M. Hoteteu, N. Grudnicki, J. Kiss, L. Enache, G. Petec Calin, R. Rogojan, M. Matei • National Institute of Rehabilitation, Physical Medicine and Balneoclimatology, Bucharest • The Romanian Permanente Commission of Speleotherapy². National Salt Society "SALROM" S.A., Bucharest, Romania	421
O-150	The structure of the therapeutic (speleotherapeutical) factor in the salt mines - Primordial element in speleotherapy mechanism and effect	
	I. Simionca • National Institute of Rehabilitation, Physical Medicine and Balneoclimatology, Bucharest, Romania	426
O-151	Natural and artificial air ionization in underground spaces - An environmental factor with therapeutic potential	
	L. Enache, C. Filipescu, I. Simionca, S. Botea, M. Hoteteu, J. Kiss, C. Petec, R. Rogojan • National Institute of Rehabilitation, Physical Medicine and Balneoclimatology, Bucharest, Romania Romanian Permanent Commission of Speleotherapy, Bucharest, Romania • "Victor Babes" National Institute of Research and Development in Pathology and Biomedical Sciences, Bucharest, Romania	426
O-152	Recent research into Vjetrenica and the current view of the cave regarding its candidature for the World Heritage List	
	I. Lucie, D. Baksic, J. Mulaomerovic, R. Ozimec • Speleological Society Vjetrenica - Popovo polje, Bosnia & Herzegovina • Speleological Section of University Mountaineering Club Velebit, Zagreb • Speleological Society Speleo-Dodo, Bosnia & Herzegovina • Criatain Biospeleological Society, Zagreb	430
O-153	The destructive development of Alistrati cave (Greece)	
	N.A. Poulianos • Ministry of Culture, Ephorate of Paleanthropology – Speleology	435
O-154	Introduction and tourist developement of Postojna cave from 1818 - 2004	
	B. Debevc • Postojnskajama, turizem, Postojna, Slovenia	436

O-155	The antiquity of the famous Belianska Cave (Slovakia) B.Pavel, P. Bosák, J. Glazek, H. Hercman, D. Kicinska, T. Nowicki, S. Pavlarcik, P. Pruner • <i>Správa slovenských jaskýň, Liptovský Mikuláš, Slovakia Geologický ústav AV ČR, Praha 6, Czech Republic • Instytut Geologii UAM, Poznań, Poland • Instytut Nauk Geologicznych PAN, Warszawa, Poland • Statné lesy TANAP, 059-60 Tatranská Lomnica, Slovakia</i>	437
O-156	Evolution of Lodowe Spring Cave System in the Western Tatra Mts. (Poland) J. Glazek, H. Hercman, D. Kicinska, T. Nowicki • <i>Institute of Geology, Adam Mickiewicz University, Poznań, Poland • Institute of Geological Sciences, Polish Academy of Sciences, Warszawa, Poland</i>	437
O-157	Underground streams of Crete C. Mavrokosta • <i>Speleological Club of Crete, SPOK</i>	438
O-158	Σπηλαιοβάραθρο Ανδρίτσας, Δήμου Λέρνας, Νομού Αργολίδος, Πελοποννήσου E. Κόνιαρη, K. Ζούπης, B. Κάρκου, N. Αναστασόπουλος.....	443
O-159	The Rio Martino laboratory: cave climatic studies G. Badino, M. Chiri • <i>Dip. Fisica Generale, Associazione La Venta • Gruppo Speleologico Valli Pinerolesi, Associazione Gruppi Speleologici Piemontesi</i>	447
O-160	Speleogenesis of pseudo-karst caves related to deep-seated rockslides in the Flysch Carpathians (Czech Republic) I. Baron • <i>Czech Geological Survey, Brno, Czech Republic</i>	449
O-161	"Mines" Souterrain Structures of Lebanon LB. Jaoude • <i>Queens University, Speleo Club du Liban</i>	449
O-162	The Artificial Cavities of Trentino - Alto Adige: An overview M.Meneghini • <i>Regional registry of the artificial cavities of Trentino, Trento Italia</i>	455
O-163	The stufe di Nerone (Nero's Oven): An ancient artificial cave near Naples (Italy) A.A. Cigna, G.J. Middleton.....	459
O-164	The speleological bibliography of Sardinia (Italy) J. De Waele • <i>Dipartimento di Scienze della Terra, via Trentino 51, 09127 Cagliari, Italy</i>	461
O-165	L'ardeche souterraine P. Brunet • <i>FFS, IVRY, France</i>	466
O-166	Speleo-discography: A progress report D.N. Brison.....	466
O-167	Advances in computer-aided cave survey data acquisition; the Auriga Palm OS freeware for underground and field use L. Le Blanc • <i>Societe quebecoise de speleologie, Montreal, Canada</i>	470
O-168	Use of a non-linear curve fitting program to separate the emission spectra of multiple fluorescent dyes from spectrofluorophotometer analysis used in groundwater dye tracing S. Roach, N. Crawford • <i>Center for Cave and Karst Studies • Western Kentucky University</i>	473
O-169	An Open-source Web-based National Cave Database M. Lake, P. Matthews • <i>Australian Speleological Federation, Sydney, Australia</i>	473
O-170	Contribution to the cave origin by mechanical weathering in temperate zone L. Gaal • <i>Slovak Cave Administration, Liptovský Mikuláš, Slovakia</i>	475

O-171	Infiltration in the dolomitic karstic system of Nerja cave (Southern Spain)	
	B. Andreo Navarro, C. Linan, F. Carrasco, C. Batiot, C. Emblanche, J.J. Duran • <i>Departamento de Geología. Facultad de Ciencias, Universidad de Málaga, E-29071 Málaga (Spain)</i>	478
O-172	Unusual subaqueous speleothems from Zlomisk Cave (Low Tatra Mountains, Slovakia)	
	M. Gradzinski, P. Holubek • <i>Institute of Geological Sciences, Jagiellonian University</i>	481
O-173	Cueva Charles Brewer (Chimanta) and Cueva Ojos de Cristal (Roraima) - the greatest quartzite caves of the world, table mountains, Venezuela	
	B. Smida, C. Brewer-Carias, M. Audy, F. Mayoral • <i>Slovak Speleological Society (SSS, Slovakia)</i> • <i>Grupo Espeleológico de la Sociedad Venezolana de Ciencias Naturales (SVCN, Venezuela)</i> • <i>Czech Speleological Society (CSS, Bohemia)</i>	482
O-174	Velika klisura (Gryka e Madhe) in Kosovo - the discovery and exploration of one of the biggest cave systems at Balkan	
	B. Smida, J. Smořil • <i>Slovak Speleological Society (SSS, Slovakia)</i>	488
O-175	Karst protection and conservation in Venezuela; Inventory of caves in Natural Parks and protected areas using GIS techniques	
	C. Silva Aguilera	488
O-176	Potential Impacts of Acid Mine Drainage on the Hydrogeologic System of Russell Cave National Monument, Alabama, USA	
	W. Hawkins, P. Kambesis, C. Groves • <i>Western Kentucky University, Bowling Green, KY, USA</i>	489
O-177	Underground Beauty Show without Destruction	
	J. Novomeský • <i>COMLUX sro, Bratislava, Slovakia</i>	489
O-178	Cave and Karst Centers of Excellence	
	J.R. Goodbar • <i>Bureau of Land Management, Carlsbad, New Mexico, USA</i>	492
O-179	The cadaster of speleological objects in Serbia the support to research, protection and sustainable use of karst	
	B. Vasiljević • <i>Ministry of Science and Environmental Protection of Republica Serbia</i>	492
O-180	The Maladie Verte (Green Disease) of the caves	
	C. Merdenisianos • <i>University of Athens, Athens, Greece</i>	493
O-181	Fifty springs on the Niagara Escarpment, Ontario, Canada	
	D. Ford, S. Worthington	495
O-182	Hydrogeology and speleogenesis in the karstic aquifer of the chain "peaks of the Musi Mountain" (Western Julian fore-alps, NE Italy)	
	R. Semeraro • <i>Geokarst Engineering S.r.l, Trieste, Italy</i>	496
O-183	Karst hydrogeology of Lookout Mountain: A synclinal mountain in the folded Appalachian Mountains of south-central Tennessee, USA	
	B. Sakofsky, K. Ballew, N. Crawford	500
O-184	Intensive monitoring of drip water in two shallow caves	
	G. Veni, B.L. Shade <i>George Veni & Associates, San Antonio, USA</i>	504
O-185	Groundwater Sensitivity Mapping of the Beaver Dam and Campbellsville 30' x 60' Quadrangles	
	P. Kambesis, A. Croskrey, C. Groves • <i>Hoffman Environmental Research Institute</i> • <i>Western Kentucky University, Bowling Green, KY USA</i>	509
O-186		

A Tale of Looting of Paleontological Cave Resources D.A. Hubbard, Jr. • <i>Virginia Speleological Survey, U.S.A.</i>	509
O-187 Model development of the Petralona cave by the Anthropological Association of Greece (A A G) N. Goulopoulos • <i>Anthropological Association of Greece, Athina - Hellas (Greece)</i>	511
O-188 Protection and utilisation of caves in Slovakia B. Pavel, P. Gazik • <i>Slovak Caves Administration, Liptovsky Mikulas, Slovakia</i>	512
O-189 Protection of caves and their findings N. Goulopoulos • <i>Anthropological Association of Greece, Athina-Hellas (Greece)</i>	516
O-190 The climate of Kartchner caverns (Arizona, USA) A.A. Cigna, R.S. Tomey, G. Nolan.....	517
O-191 Ground Water Flux Distribution between Matrix, Fractures, and Conduits: Constraints on Modeling W. B. White, E. L. White • <i>The Pennsylvania State University, University Park, PA 16802 USA</i>	520
O-192 The hydrogeological rebus of the coastal karst of Orosei (East Sardinia, Italy) J. De Waele • <i>Dipartimento di Scienze della Terra, via Trentino 51, 09127 Cagliari, Italy</i>	524
O-193 Application of dye tracer techniques in the preparation of conceptual hydrogeologic models for contaminated karst aquifers N. Crawford • <i>Center for Cave & Karst Studies, Western Kentucky University, Bowling Green, Kentucky, USA</i>	528
O-194 Development of Innovative Karst Hydrogeologic Research Techniques for Solving Karst Environmental Problems L. A. Croft, N. Crawford, C. Adair, J. Brewer, M. Coffelt, R. Elrod, M. Firkins, B. Ham, J. Howard, C. Martin, P. Kambesis, R. Moore, C. Ray, J. Ray, J. Tallent, R. Taylor, A. Williams, A. Zimmerman • <i>Center for Cave and Karst Studies, Applied Research and Technology Program of Distinction, Department of Geography and Geology, Western Kentucky University, Bowling Green, Kentucky USA</i>	531
O-195 Drip-water monitoring in a superficial Alpine cave (Cogola di Giazza, Trentino, NE Italy) R. Miorandi, A. Borsato, S. Frisia, F. Corradini • <i>Museo Tridentino di Scienze Naturali, Trento, Italy</i> • <i>Istituto Agrario di S.Michele all'Adige, Trento, Italy</i>	535
O-196 The geothermal flux shielding by deep drainage conduits G. Badino • <i>Dip. Fisica Generale, Università di Torino</i>	538
O-197 Perspective of development of Maronia cave and the surrounding area (Thrace, Greece) S. Pavlides, I. Chatzigogas • <i>Aristotle University of Thessaloniki</i>	541
O-198 Exploring Cave Interpretation: Towards a set of key principles for interpreting tourist caves R. Black, P. Davidson • <i>Charles Sturt University, Albury, Australia</i>	543
O-199 Caves of Isla de Mona, Puerto Rico P. Kambesis • <i>Western Kentucky University, Bowling Green, KY, USA</i>	543
O-200 In pursuit of geo-national park status in Fengshan county, Guangxi, Southern China; the balance between the needs of the local population, tourism and conservation. G. Campion • <i>Twisleton, Ingleton, North Yorkshire</i>	543
O-201 The Lebanese perception of the Endokarstic inheritance L. Doumit, J. Adjizian-Gerard, C. Gauchon • <i>Dipartement de Geographie, Universiti Saint-Joseph de Beyrouth, Liban – EDYTEM</i>	545

O-202	Sustainable Touristic Use of the Caves of Salado III (Chorriaca), La Laguna (Balsa Huitrin) and Los Gatos (Rincon de los Sauces). Neuquen Province, Argentina	
	J. Allemand, L. Loyza, E. Lipps • Sociedad Argentina de Espeleologia (SAE) and KARST O.A.I.E., Buenos Aires, Argentina.....	548
O-203	Results of Bulgarian-Albanian Speleological Researches in Albania (1991-2004)	
	A. Zhalov • Bulgarian Federation of Speleology, Sofia, Bulgaria.....	551
O-204	Historical data for karst Phenomena in the province of Macedonia, Greece (XVII-XX C.)	
	A. Jalov, M. Stamenova • Speleo club "Helictit" (Sofia) • Bulgarian Federation of Speleology.....	558
O-205	The speleological researches in South-West China of the Museo Civico di Storia Naturale di Verona (Italy)	
	R. Zorzin, L. Latella • Museo Civico di Storia Naturale di Verona, Verona (Italy).....	562
O-206	Saga of the Boston Grotto	
	E. Pothos, N. Stokowski, J. Steven, C. Taylor, J. Evans, M. Gasser, G. Ehrenfried, A. Budreau • Boston Grotto, Boston, USA	562
O-207	The international speleological expedition to Tanzania - organisation pre-during-post expedition	
	E. Van den Broeck.....	567
O-208	Lukina jama-Manual II, Slovacka jama, Meduza, and the share of the Slovak cavers at discovering some of the deepest abysses of the world and of underground superverticals in Velebit Mts. (Croatia) in the years 1990 - 2004	
	B. Smida • Slovak Speleological Society (SSS), Slovakia.....	567
P-1	The karst in the mezdra structural-denudation depression (Bulgaria). Assessment of natural and anthropogenic processes and hazards	
	D. Angelova • Geological Institute, Bulgarian Academy of Science, Sofia, Bulgaria.....	573
P-2	Ethnospeleology: The study of the cultural manifestations of ethnic groups and their relations with the caves	
	J.G. Aires Lima, M.P. Pais, H. Queiroz de Medeiros • CECAV/IBAMA - Cuiabá, Brazil.....	573
P-3	Fossil tooth of a second human from Petralona cave	
	N.A. Poulianos • Ministry of Culture, Ephorate of Paleoanthropology – Speleology.....	574
P-4	The Discovery of VII-XII cc Underground Churches and Settlements in Qasharagh by the 2002-2003 Expedition of ASC	
	S. M. Shahinyan • State Engin.Uni.of Armenia, Yerevan, Armenia.....	576
P-5	Cave Man of XXI c	
	H. Ghazaryan, S. M. Shahinyan • State Engin.Uni.of Armenia, Yerevan, Armenia.....	578
P-6	Temporarily earth pyramids in caves. Example from the cave of "Zesta Nera" (Sidirokastro, Serres, Macedonia, Greece)	
	E. Vavliakis, G. Lazaridis, C. Pennos • Aristotle University of Thessaloniki, Greece.....	579
P-7	Eptamili caves (Serres, Macedonia, Greece) Speleogenesis and development	
	E. Vavliakis, C. Pennos, G. Lazaridis • Aristotle University of Thessaloniki, Greece.....	581
P-8	The cenotes (anchialine caves) from Cozumel Island, Quintana Roo, Mexico.	
	L.M. Mejva-Qrtvz, O.F. Martvnez, Y.J. Tun Chim, M. Lpez-Mejva, G. Yanez • Universidadde Quintana Roo -Cozumel.....	585
P-9	Geological and structural setting of Ermakia cave, northern Greece	
	A. Chatzipetros, E. Thomaidou • Aristotle University, Department of Geology, Thessaloniki, Greece.....	585

P-10	Sedimentation cycles in eastern Brazilian caves: Origin and palaeoclimatic and geomorphic significance	
	A.S. Auler, X. Wang, P.L. Smart, R.L. Edwards, H. Cheng, D. Correa, P. Figueiredo.....	586
P-11	Unique features of fissure quartzite caves of the Inficionado Peak, central Brazil	
	A.S. Auler, Y.O. Stavale, T.A. Nicoli.....	588
P-12	The Svarthammar Project, North Norway.	
	S.E. Lauritzen, L. Baastad, J. Bjorlien • <i>Department of Earth Science, University of Bergen, Bergen, Norway</i>	588
P-13	The karst in the Besapara heights, the Rhodopes mountain (Bulgaria)	
	D. Angelova • <i>Geological Institute, Bulgarian Academy of Science, Sofia, Bulgaria</i>	592
P-14	Speleogenesis of the Tromsdalen area, Verdal, Norway	
	A. Oystese, F. Johannesen, S. E. Lauritzen • <i>Department of Earth Science, Bergen, Norway</i>	592
P-15	Groundwater Basin Delineation by Dye Tracing, Water Table Mapping, Cave Mapping and Geophysical Techniques: Bowling Green, Kentucky, USA	
	N. Crawford • <i>Center for Cave and Karst Studies, Western Kentucky University, Bowling Green</i>	594
P-16	Sub-daily cycles and hydrological behaviour of Bus de la Spia - Acquisanta karst system (Brenta Dolomites, NE Italy)	
	A. Borsato, M. Zandonati • <i>Museo Tridentino di Scienze Naturali, Trento, Italy</i>	598
P-17	Characterization of a karstic-pseudokarstic Alpine aquifer by means of field fluorometer tracing tests (Tovel Valley, NE Italy)	
	P. Ferretti, A. Borsato • <i>Museo Tridentino di Scienze Naturali, Via Calepina 14, I-38100 Trento, Italy</i>	598
P-18	Cave development in se Spain during upper pleistocene under periglacial conditions	
	A. Gonzalez-Ramon, B. Andreo Navarro, A. Ruiz-Bustos, D. A. Richards.....	598
P-19	Lateral planation and notched forms of cave georelief	
	B. Pavel • <i>Slovak Caves Administration, Liptovský Mikuláš, Slovakia</i>	601
P-20	Caracterización geomorfológica e hidrogeológica preliminar de la zona carsica del tercio inferior de la cuenca del río guanabo, en el occidente de Cuba	
	A. N. Abraham Alonso, M. Guerra Oliva, M. Sanchez Celada, O. Duran Zarabozo • <i>Instituto de Geografía Tropical, CITMA, Ciudad de La Habana, Cuba</i>	605
P-21	Development of limestone pedestals in glaciated karst	
	S. E. Lauritzen • <i>Department of Earth Science, University of Bergen, Bergen, Norway</i>	605
P-22	The Grønli -Seter project, northern Norway	
	R. Øvrevik- Skoglund, H. Hestangen, S. M. Skutlaberg, S.E. Lauritzen • <i>University of Bergen, Bergen, Norway</i>	609
P-23	Speleotheme dating from Svarthammerhola and MIS 7 oxygen isotope and uranium series study	
	E. Fedje, S. E. Lauritzen • <i>Department of earth sciences, University of Bergen, Norway</i>	613
P-24	First Th/U-series dated speleothem record from Southern Siberia	
	S. Breitenbach, B. Mingram, H. Oberhansli, G. Haug, J. Adkins • <i>GFZ, Potsdam, Germany, California Institute of Technology, Pasadena, USA</i>	614
P-25	Palaeomagnetic and palaeontological research in Raciska pecina Cave, SW Slovenia	
	P. Bosak, P. Pruner, A. Mihevc, N. Z. Hajna, I. HoraBek, J. Kadlec, O. Man, P. Schnabl • <i>Institute of Geology, Academy of Sciences of the Czech Republic, Rozvojova 135, 165 02 Praha 6, Czech Republic</i>	619

P-26	About Several Problems on Dating Stone-Door Tunnels and Caves	
	S. M. Shahinyan • <i>State Engin. Uni. of Armenia, Yerevan, Armenia</i>	619
P-27	The origin of the gypsum flower in the Okgye Cave, Kangwondo, Korea	
	D.W. Choi, K.S. Woo • <i>Kangwon National Univ., Chuncheon, Korea, Korea Ocean Research and Development Institute, Ansan, Korea</i>	619
P-28	Origin and diagenesis of the cave corals in the lava tube of Jeju Island, Korea	
	K.C. Lee, D.W. Choi, K.S. Woo • <i>Sdngji University, Wonju, Korea, Kangwon University, Chuncheon, Korea</i>	622
P-29	Biodiversity and Ecology of Cyanobacteria in a variety of hypogean ecosystems (Greece)	
	A. Pantazidou, M. Roussomoustakaki • <i>University of Athens, Faculty of Biology, Department of Ecology and Systematics, Athens, Greece</i>	624
P-30	Endolithic and epilithic cyanobacteria from thermal spring travertine and spring-related caves (Greece)	
	A. Pantazidou, V. Lambrinou • <i>University of Athens, Faculty of Biology, Department of Ecology and Systematics, Athens, Greece</i>	628
P-31	Distribution behavior of cave fauna according to cave environmental change: An example from the Limestone cave in Korea	
	Y.G. Choi, Y. Sea-Hee, K. Won-Rok • <i>The Korean Institute of Biospeleology, Seoul, Korea</i>	629
P-32	The "Greening" of Koutouki touristic cave (Attika, Greece). The Importance of the Cyanobacteria	
	A. Pantazidou, A. Oikonoraou, S. Antonopoulou • <i>Department of Ecology and Systematics, Faculty of Biology, National and Kapodistrian University of Athens, Greece</i>	629
P-33	Bryophytes at lamps in selected public caves in the Czech Republic - past and recent situation	
	Kubesova, Svatava • <i>Department of Botany, Moravian Museum Brno, Czech Republic</i>	629
P-34	Flora and Fauna of Armenian caves	
	H. Ghazaryan • <i>Armenian Speleological Center, Yerevan, Armenia</i>	629
P-35	Speleology in Armenia	
	A. Harutunian, V. Ter-Khazaryan • <i>Armenian Speleological Center, Yerevan, Armenia</i>	630
P-36	Speleology in Armenia	
	A. Grigoryan • <i>Armenian Speleological Center, Yerevan, Armenia</i>	630
P-37	Investigation of Zagedanskaya in the honor of A.V. Alexeev cave	
	A.S. Gusev, S.Yu. Lipchenko, O.B. Tsoy, A.L. Shelepin • <i>Moscow State University, Moscow, Russia • Russian Geographic Society, Moscow, Russia • SSCC Hydrogeoecology, Cherkessk, Russia • Saratov State University, Saratov, Russia</i>	630
P-38	La glace souterraine de la cote occidentale du Baikal comme indicateur des changements climatiques	
	E.V. Trofimova • <i>Universite d'Etat d'Irkoutsk</i>	636
P-39	The ecology of microbial communities in soil habitats and gypsum caves in taiga region (Northern European Russia)	
	A. Semikolennykh, A. Ivanova, T. Dobrovolskaya, M. Gorlenko • <i>Institute of Geography, Moscow</i>	642
P-40	About the Seismic-Stability of Ancient Engineer Constructions	
	S.M. Shahinyan • <i>State Engin. Uni. of Armenia, Yerevan, Armenia</i>	647
P-41	Revue historique de la speleologie de la Sibirie et de l'Extreme-Orient	
	E.V. Trofimova • <i>Universite d'Etat d'Irkoutsk</i>	649

P-42 Conservation of Ballet Cave H.David • <i>Grupo Bambui de Pesquisas Espeleologicas</i>	649
P-43 Assessment of recreation resources in the karst terrains of high atlas mountain (Morocco) and Vitosha Mountain (Bulgaria) D. Angelova, M. Alaeddin Belfoul, A. Delchev, S. Bouzid, F. Faik • <i>Geological Institute, Bulgarian Academy of Science, Sofia, Bulgaria</i>	653
P-44 The creation of «pseudokarst» landforms and the impact to the environment as a result of bauxite mining activity in Ghiona mountain A. Mertzanis, A. Papadopoulos, A. Pantera • <i>T.E.I. of Lamia, Annex of Karpenisi, Department of Forestry, 36100 Karpenisi, Greece</i>	653
P-45 The Barrois covered karst (NE France): a recorder of valley incision and cover retreat S. Jaillet • <i>EDYTEM- UMR 5204 CNRS France</i>	656
P-46 The Karstic system of the Mountain Kerketio (Koziakas) and its exploitation G. Bathrellos, E. Verikiou-Papaspyridakou, H. Skilodimou • <i>National and Kapodistrian University of Athens, Faculty of Geology, Department of Geography- Climatology</i>	659
P-47 Reconstruction of vaegitation changes in Western Tatra Mts. (Poland) basing on Carbon isotopic composition of speleothems calcite H. Hercman, T. Nowicki • <i>Institute of Geological Sciences, Polish Academy of Sciences, Warszawa, Poland</i>	664
P-48 Diktaeon Andron: Environmental impacts as a result of human activities and tourist exploitation of the cave (Crete-Greece) A. Mertzanis, G. Vavizos, A. Zannaki • <i>T.E.I. of Lamia, Annex of Karpenisi, Department of Forestry, Karpenisi, Greece</i> • <i>Eco-Consultants S.A., Holargos, Athens, Greece</i>	664
P-49 Columns of Cretan earth: "The speleothem and the symbol" E.Nikitea, A. Kroystalaki • <i>Speleological Club of Crete, SPOK</i>	668
W-1 Exploration and Preservation of the Kipuka Kanohina Cave System, Ka'u Hawai'i C. K. Heazlit	668
W-2 Revealing the Caves of Soqotra Island (Yemen), the Soqotra Karst Project (2000-2005) P. De Geest and the members of the Soqotra Karst Project	669
W-3 Systeme Mara - Milopotamos - Drama P. Reile	669
W-4 The Lava Tube Caves of Rwanda M. Laumanns	677
W-5 An Overview of Caving Regions in Northern Laos J. Dreybrodt, M. Laumanns	678
W-6 Karst, Caves and Speleology in the Islamic Republic of Iran V. Madelat, J. Ashjari, H. Akbarzadeh, M. Laumanns	682
W-7 Recent explorations in Krubera-Voronja cave (West Caucasus). D. Provalov, I. Zharkov	682
W-8 CIRS geospeleological research in Ethiopia in the 2003/2005 years R. Ruggieri	682

W-9	
New speleological developments in Africa and the Middle East	
F. H. Nader	686
W-10	
Speleological Notes on Afqa Cave, Syria	
M. Metni, I. Bou Jawdeh	687
W-11	
Speleological exploration of Hoher Göll massif (Northern Calcareous Alps, Austria)	
Z. Rysiecki, K. Najdek	687
W-12	
Report on Multiyear Project to Map and Photograph Caves for the Belize Institute of Archaeology	
D. Larson, E. Burns Larson, B. Pease, W. Hunt	687
W-13	
New Information on the Plutonic and Tectonic Prerequisites of the Genesis of "Arjer" Cave	
S. M. Shahinyan	688
W-14	
Activities of Czech and Slovak cavers in Riviera Maya, Mexico	
Z. Motycka	689
W-15	
Chinese/American Cooperation in Cave Exploration and Survey in Water Resource Development, Da Long Dong, Hunan China	
C. Groves, P. Kanibesis, H. Shiyi, J. Zhongcheng, D. Groves • Hoffman Environmental Research Institute, Western Kentucky University, Bowling Green, Kentucky USA, • Institute of Karst Geology of China, Guilin, Guangxi, CHINA	692
W-16	
Cave Complex Samsar	
G. H. Pogosyan • Armenian Speleological Center, Yerevan, Armenia	692
W-17	
Dueca Speleological Cave System	
J. Neves, M. Soares, M. Pessoa, S. Medeiros, L. Cunha • Federagao Portuguesa de Espeleologia, Coimbra, Portugal	697
W-18	
Kuzgun Cave: the first super-deep cave in the Aladaglar Massif, Turkey	
A. Klimchouk, Y. Kasjan, G. Samokhin, L. Nazik, S. Bayari, K. Tork	702
W-19	
Krubera Cave in the Arabika Massif, Western Caucasus: the first 2000m deep cave on Earth	
A. Klimchouk, Y. Kasjan, N. Solovjev • Ukrainian Speleological Association, Kiev, Ukraine	702
W-20	
Recent Explorations in Leuka Ori Mnt. on Crete	
K. Adamopoulos, P. Stavropoulos, K. Limakis • SELASClub, Athens, Greece	703
W-21	
International Speleological Expedition "Anogia - Ntelina 2002"	
K Adamopoulos, N. Mitsakis, A. Christodoulou • SELAS Club, Athens, Greece	703
W-22	
Results of the International Speleological Expedition in Tanzania 2005	
J. P. Bartholeyns, S. Gotto, A. Kobayashi, H. F. Nader, Pinto, Roemer, E. Van Den Broeck	703
W-23	
Remapping of Humpleu Cave (Romania): First results	
P. Hauselmann, B. P. Onac	704
Participants list	707