

Contents of volume 57 (2013)

- Witold Paweł ALEXANDROWICZ, Dariusz CISZEK and Małgorzata GOŁAS-SIARZEWSKA – Malacological characteristic of the Weichselian Upper Pleniglacial (MIS-2) loess profile in Tłumaczów (SW Poland), 3: 433
- Fahad AL GAHTANI – The influence of diagenetic alterations on porosity in the Triassic Narrabeen Group, Southern Sydney Basin, Australia, 4: 613
- Khalid AL-RAMADAN, Ahmet Umran DOGAN and Muhittin SENALP – Sedimentology and diagenesis of the Miocene Nutaysh Member of the Burqan Formation in the Midyan area (northwestern Saudi Arabia), 1: 165
- Davorin BALIĆ and Tomislav MALVIĆ – Pliocene–Quaternary stratigraphy and sedimentation at the Neretva River Mouth, on Croatian Adriatic Coast, 2: 233
- Valentinas BALTRŪNAS, Rimante ZINKUTĖ, Vaida ŠEIRIENĖ, Valentas KATINAS, Bronislavas KARMAZA, Dalia KISIELIENĖ, Ričardas TARASKEVIČIUS and Lina LAGUNAVIČIENĖ – Sedimentary environment changes during the Early–Middle Pleistocene transition as recorded by the Daumantai sections in Lithuania, 1: 45
- Małgorzata BIEŃKOWSKA–WASILUK, Niels BONDE, Peter Rask MØLLER and Andrzej GAJDZICKI – Eocene relatives of cod icefishes (Perciformes: Notothenioidei) from Seymour Island, Antarctica, 4: 567
- Krzysztof BIRKENMAIER and Elżbieta WOROBIEC – Pliocene freshwater pollen-bearing deposits in the Mizerna–Nowa borehole, West Carpathians, Poland, 1: 73
- Błażej BŁAŻEJOWSKI, Grzegorz RACKI, Piotr GIESZCZ, Krzysztof MAŁKOWSKI, Adrian KIN and Katarzyna KRZYWIECKA – Comparative oxygen and carbon isotopic records of Miocene and recent lacustrine unionid bivalves from Poland, 1: 113
- Hans-Peter BOJAR, Ana-Voica BOJAR, Stanisław HAŁAS and Artur WÓJTOWICZ – K/Ar geochronology of igneous amphibole phenocrysts in Miocene to Pliocene volcanoclastics, Styrian Basin, Austria, 3: 405
- Andrzej BORKOWSKI, Jan PARAFINIUK, Dorota WOLICKA and Paweł KOWALCZYK – Geomicrobiology of Acid Mine Drainage in the weathering zone of pyrite-bearing schists in the Rudawy Janowickie Mountains (Poland), 4: 601
- Alina CHRZAŚTEK – Middle Turonian trace fossils from the Bystrzyca and Długopole sandstones in the Nysa Kłodzka Graben (Sudetes, SW Poland), 3: 443
- Piotr CZUBLA, Jacek FORYSIAK and Juliusz TWARDY – Diamicton in Besiekierz (central Poland) – how to avoid misinterpretation of superposition in Quaternary geology, 4: 629
- Agata DUCZMAL–CZERNIKIEWICZ – Evidence of soils and palaeosols in the Poznań Formation (Neogene, Polish Lowland), 2: 189
- Przemysław GĘDŁ – Dinoflagellate cysts from the Szlachtowa Formation (Jurassic) and adjacent deposits (Jurassic–Cretaceous) of the Grajcark Unit at Szczawnica–Zabanišcze (Pieniny Klippen Belt, Carpathians, Poland), 3: 485
- Grzegorz GIL – Petrographic and microprobe study of nephrites from Lower Silesia (SW Poland), 3: 395
- Małgorzata GONERA – Globorotaliid intervals of the sub-evaporite Badenian (Middle Miocene) in the Upper Silesia Basin (Central Paratethys, Poland), 4: 757
- Michał GRADZIŃSKI, Helena HERCMAN, Martyna JAŚKIEWICZ and Stanisław SZCZUREK – Holocene tufa in the Slovak Karst: facies, sedimentary environments and depositional history, 4: 769
- Urszula HARA, Miroslaw SŁOWAKIEWICZ and Paweł RACZYNSKI – Bryozoans (trepostomes and fenestellids) in the Zechstein Lime-stone (Wuchiapingian) of the North Sudetic Basin (SW Poland): palaeoecological implications, 3: 417
- HA QUANG Man and Jadwiga JARZYNA – Integration of core, well logging and 2D seismic data to improve a reservoir rock model: a case study of gas accumulation in the NE Polish Carpathian Foredeep, 2: 289
- Francesco IACOVIELLO and Ivan MARTINI – Clay minerals in cave sediments and terra rossa soils in the Montagnola Senese karst massif (Italy), 3: 527
- Michael A. KAMINSKI, Sev KENDER, Agnieszka CIUREJ, Ramona BĀLC and Eiichi SETOYAMA – Pliocene agglutinated benthic foraminifera from Site U1341 in the Bering Sea (IODP Expedition 323), 2: 335
- Paweł KOSAKOWSKI – 1D modelling of hydrocarbon generation and expulsion from Oligocene Menilite source rocks in the San and Stryi rivers region (Polish and Ukrainian Carpathians), 2: 307
- Ludovít KUCHARIČ, Vladimír BEZÁK, Peter KUBEŠ, Vlastimil KONEČNÝ and Ján VOZÁR – New magnetic anomalies of the Outer Carpathians in NE Slovakia and their relationship to the Carpathian Conductivity Zone, 1: 123
- Paulina LEONOWICZ – The significance of mudstone fabric combined with palaeoecological evidence in determining sedimentary processes – an example from the Middle Jurassic of southern Poland, 2: 243
- Krzysztof LESZCZYŃSKI and Marta WAKSMUNDZKA – The palynofacies pattern for the Lower Cretaceous of central Poland, 1: 101
- Otilia LINTNEROVÁ, Jozef MICHALÍK, Peter UHLÍK, Ján SOTÁK and Zuzana WEISSOVÁ – Latest Triassic climate humidification and kaolinite formation (Western Carpathians, Tatric Unit of the Tatra Mts.), 4: 701
- Demei LIU, Guichen CHEN, Zhongping LAI, Haicheng WEI, Guoying ZHOU and Min PENG – Late Glacial and Holocene vegetation and climate history of an alpine wetland on the Qinghai–Tibetan Plateau, 2: 261
- Stanisław Zbigniew MIKULSKI and Jan WIERCHOWIEC – Placer scheelite and gold from alluvial sediments as indicators of primary mineralisation – examples from SW Poland, 3: 503
- Anna MOZER – Eocene sedimentary facies in a volcanogenic succession on King George Island, South Shetland Islands: a record of pre-ice sheet terrestrial environments in West Antarctica, 3: 385
- Jolanta MUSZER and Małgorzata UGLIK – Palaeoenvironmental reconstruction of the Upper Visean Paprotnia Beds (Bardo Unit, Polish Sudetes) using ichnological and palaeontological data, 3: 365
- Jerzy NAWROCKI, Sylwester SALWA and Magdalena PAŃCZYK – New ^{40}Ar – ^{39}Ar age constrains for magmatic and hydrothermal activity in the Holy Cross Mts. (southern Poland), 3: 551
- Kristina NOVAK ZELENIKA, Josipa VELIĆ and Tomislav MALVIĆ – Local sediment sources and palaeoflow directions in Upper Miocene turbidites of the Pannonian Basin System (Croatian part), based on mapping of reservoir properties, 1: 17
- Teresa OBERC-DZIEDZIC, Ryszard KRYZA, Christian PIN and Stanisław MADEJ – Variscan granitoid plutonism in the Strzelin Massif (SW Poland): petrology and age of the composite Strzelin granite intrusion, 2: 269
- Danuta OLSZEWSKA-NEJBERT and Ewa ŚWIERCZEWSKA-GŁADYSZ – Facies and sedimentation of Coniacian deposits of the Kraków Swell in the Wielkanoc area (southern Poland), 1: 1
- Danuta PERYT – Foraminiferal record of the Middle Miocene climate transition prior to the Badenian salinity crisis in the Polish Carpathian Foredeep Basin (Central Paratethys), 1: 141
- Joanna PETERA-ZGANIACZ, Ryszard K. BORÓWKA, Jacek FORYSIAK, Grażyna MIOTK-SZPIGANOWICZ and Dominik PAWŁOWSKI – Palaeogeographical significance of the Eemian biogenic sediments at the Bór site (Warta River valley, central Poland), 4: 687
- Anna PIETRANIK, Craig STOREY and Jakub KIERCZAK – The Niemcza diorites and monzodiorites (Sudetes, SW Poland): a record of changing geotectonic setting at ca. 340 Ma, 2: 325
- Jan PRAŽAK – Bicarbonate and calcium-magnesium hydrochemical indicators for the assessment of human impact on the groundwater chemistry – a case study from the Holy Cross Mts. region (Poland), 1: 135
- Alar ROSENTAU, Argo JOELEHT, Jüri PLADO, Raivo AUNAP, Merle MURU and Kari O. ESKOLA – Development of the Holocene foredune plain in the Narva–Jõesuu area, eastern Gulf of Finland, 1: 89
- Dorota SALATA – Heavy minerals as detritus provenance indicators for the Jurassic pre-Callovian palaeokarst infill from the Czatkowice Quarry (Kraków–Wieluń Upland, Poland), 3: 537
- Dorota SALATA and Alfred UCHMAN – Conventional and high-resolution heavy mineral analyses applied to flysch deposits: comparative provenance studies of the Ropianka (Upper Cretaceous–Paleocene) and Menilite (Oligocene) formations (Skole Nappe, Polish Carpathians), 4: 649

Ali A. SEPAHI, Kazem BORZOEI and Seddigheh SALAMI – Mineral chemistry and thermobarometry of plutonic, metamorphic and anatetic rocks from the Tueyserkan area (Hamedan, Iran), 3: 515

Rafał SIUDA and Łukasz KRUSZEWSKI – Recently formed secondary copper minerals as indicators of geochemical conditions in an abandoned mine in Radzimowice (SW Poland), 4: 583

Anna SOWIĘDZAŁ, Bartosz PAPIERNIK, Grzegorz MACHOWSKI and Marek HAJTO – Characterization of petrophysical parameters of the Lower Triassic deposits in a prospective location for Enhanced Geothermal System (central Poland), 4: 729

Michał STACHACZ – Trilobites, their traces and associated sedimentary structures as indicators of the Cambrian palaeoenvironment of the Ocieski Range (Holy Cross Mountains, Poland), 4: 745

Barbara STUDENCKA and Grzegorz ZIELIŃSKI – Strontium isotope dating of bivalve faunas from the Upper Miocene Cacela Formation, eastern Algarve, Portugal: evidence from Messinian bivalve fauna, 4: 665

Adam SZUSZKIEWICZ, Eligiusz SZEŁĘG, Adam PIECZKA, Sławomir ILNICKI, Krzysztof NEJBERT, Krzysztof TURNIAK, Małgorzata BANACH, Marek ŁODZIŃSKI, Roman RÓZNIAK and Piotr MICHAŁOWSKI – The Julianna pegmatite vein system at the Piława Góra Mine, Góra Sowie Block, SW Poland – preliminary data on geology and descriptive mineralogy, 3: 467

Marcin SZYMANEK – Palaeoecology of the Holsteinian lake in vicinity of Wilczyn (eastern Poland) based on molluscan studies, 4: 637

Saulius ŠLIAUPA, Richard LOJKA, Zuzana TASÁRYOVÁ, Vladimír KOLEJKA, Vít HLADÍK, Julia KOTULOVÁ, Ludovít KUCHARIČ, Vlado FEJDI, Adam WÓJCICKI, Radoslav TARKOWSKI, Barbara ULIASZ-MISIAK, Rasa ŠLIAUPIENĖ, Inara NULLE, Raisa POMERANCEVA, Olga IVANOVA, Alla SHOGENOVA and Kazbulat SHOGENOV – CO₂ storage potential of sedimentary basins of Slovakia, the Czech Republic, Poland and the Baltic States, 2: 219

Pavel UHER, Dušan PLAŠENKA, Martin ONDREJKA, Ľubomír HRAŠKO and Patrik KONEČNÝ – Uranium-rich monazite-(Ce) from the Krivá type granitic cobbles in conglomerates of the Pieniny Klippen Belt, Western Carpathians, Slovakia: composition, age determination and possible source areas, 2: 343

Marek VĎAČNÝ – Provenance of the Malužiná Formation sandstones (Western Carpathians, Slovakia): constraints from standard petrography, cathodoluminescence imaging, and mineral chemistry of feldspars, 1: 61

Marek WCISŁO and Tomasz OLICHWER – New approach to hydrogeological modelling and source data collecting in a small moun-

tainous hard rock basin – experiences from the Sudetes Mts. (SW Poland), 2: 205

Piotr WECKWERTH, Krzysztof R. PRZEGIĘTKA, Alicja CHRUŚCIŃSKA and Małgorzata PISARSKA-JAMROŻY – The relation between optical bleaching and sedimentological features of fluvial deposits in the Toruń Basin (Poland), 1: 31

DISCUSSION

Leonard MASTELLA, Andrzej KONON, Maciej DWORNIK, Mirosław LUDWINIAK, Barbara RYBAK-OSTROWSKA and Michał ŚMIGIELSKI – Tectonics of the Chęciny Anticline (Holy Cross Mts., central Poland) in the light of new cartographic data and calcite vein analysis (discussion), 1: 175

Edyta JUREWICZ and Urszula STEPIEŃ – Tectonics of the Chęciny Anticline (Holy Cross Mts., central Poland) in the light of new cartographic data and calcite vein analysis (reply), 1: 181

SHORT COMMUNICATIONS

Piotr BAJDEK – Coprolite of a durophagous carnivore from the Upper Cretaceous Godula Beds, Outer Western Carpathians, Poland, 2: 361

Krzysztof LABUS and Sylwia SKOCZYŃSKA – Origin of sulphates in post-mining lakes in the eastern part of the Muskau Arch (Polish-German borderland), 3: 561

Mario MUSTASAAR, Jüri PLADO and Argo JÖELEHT – A ground-penetrating radar study of the Vaidasoo bog (Estonia): no crater structure exists, 2: 357

Adam WALANUS and Dorota NALEPKA – Regional maps of rate of change of pollen percentage as a tool for climate change visualization, 2: 353

BOOK REVIEWS

The application of engineering geology to dam construction or what experience has taught us, by Otto HORNSKÝ and Pavel BLÁHA. Reviewed by Ludovít Kucharič and Pavel Liščák, 2: 242

Geologic history of Florida: major events that formed the Sunshine State, by Albert C. HINE. Reviewed by Tadeusz PERYT, 4: 560