

Contents of volume 65 (2021)

Witold Paweł ALEXANDROWICZ – Natural and anthropogenic changes in the environment during the Holocene at the Kraków region (Southern Poland) from study of mollusc assemblages: 9.

Witold Paweł ALEXANDROWICZ, Sylwia SKOCZYŁAS, Artur SOB CZYK, Krzysztof STEFANIAK, Adam KOTOWSKI, Bogusław PRZYBYLSKI, Dariusz CISZEK, Janusz BADURA and Krzysztof URBAŃSKI – Mollusc faunas of lake deposits in Gorzów Wielkopolski (NW Poland) as an indicator of environmental changes during Eemian and Early Weichselian: 36.

Viacheslav ANDREYCHOUK, Romeo EFTIMI, Jerzy NITA and Alexander KLIMCHOUK – Potential extraterrestrial sources of lithium: 55.

Viacheslav ANDREYCHOUK, Jacek RÓŻKOWSKI and Krzysztof JÓ WI AK – Variability in chemical composition of waters in the Zoloushka gypsum cave (Ukraine-Moldova) as a consequence of anthropogenic degradation of a karst aquifer: 41.

Jiří BEK, Stanislav OPLUŠTIL, Josef PŠENIČKA and Jana VOTOČKOVÁ-FROJDOVÁ – Quantitative relationship of spore and plant assemblages from the Radnice Basin, Middle Pennsylvanian of the Czech Republic: preliminary results: 59.

Kinga BEMBENEK, Barbara WORONKO and Piotr ZIÓŁKOWSKI – Provenance of heavy minerals to the Middle and Upper Jurassic epicontinental deposits of NW Poland: 2.

Vladimír BEZÁK, Ján VOZÁR, Dušan MAJCIN, Radek KLANICA and Ján MADARÁS – Contrasting tectonic styles of the western and eastern parts of the Western Carpathian Klippen Belt in Slovakia based on magnetotelluric sounding of deep tectonic structures: 25.

Konrad BLUTSTEIN – Geomorphology and hydrogeology of an exposed evaporite dome: the Dumre karst area, Central Albania: 58.

Kinga BOBEK and Marek JAROSIŃSKI – Modifications of methods for the fracture analysis from borehole data in application to shale formations: 23.

Kinga BOBEK, Monika KONIECZYŃSKA and Marek JAROSIŃSKI – Tectonics of the Wysoka Kamieńska Graben (NW Poland) and implications for fault sealing potential: 38.

Aleksandra BOBER, Dorota BRZOZOWICZ, Danuta DRZYMULSKA, Marcin ŻARSKI and Magdalena SUCHORA – Palaeobotanical record of the Eemian Interglacial succession at the Jagodne site (Garwolin Plain, central Poland): 34.

Miloš BRIESTENSKÝ, Josef STEMBERK, Juraj LITVA and Rastislav VOJTKO – Tectonic pulse registered between 2013 and 2015 on the eastern margin of the Bohemian Massif: 14.

Małgorzata BRONIKOWSKA, Małgorzata PISARSKA- JAMROŻY and A.J. (Tom) VAN LOON – First attempt to model numerically seismically-induced soft-sediment deformation structures – a comparison with field examples: 60.

Alina CHRZĄSTEK and Nadia NOWICKA – Trace fossils and depositional environments of the middle Turonian sandstones in the Upper Nysa Kłodzka Graben (Sudetes, Poland) revisited: 10.

Michał CZERNIELEWSKI – Gliridae (Rodentia) from the Villafranchian site of Węże 2 in southern Poland: 49.

Maciej DŁUŻEWSKI, Mike HILTON, Andrzej MUSZYŃSKI, Joanna ROTNICKA and Barbara WORONKO – Black sand properties in beach-dune system, Patea Beach, North Island, New Zealand: 35.

Piotr DZIADZIO, Izabela PLOCH and Jolanta SMOLEŃ – Biostratigraphy and sequence stratigraphy of the Lower Cretaceous in the NW part of the Mid-Polish Trough: 62.

Piotr GĘBICA, Wojciech PASTERKIEWICZ and Bernadeta RAJCHEL – The use of geological and geophysical methods to constrain the genesis of earth mounds at archaeological sites in the Jasło Foothills (south-eastern Poland): 61.

Anna GÓRECKA-NOWAK, Adrianna JANKOWSKA and Jolanta MUSZER – Age revision of Carboniferous rocks in the northern part of the Intra-Sudetic Basin (SW Poland) based on miospore data: 8.

Oleh HNYLKO, Svitlana HNYLKO, Larysa HENERALOVA and Maria TSAR – An Oligocene olistostrome with exotic clasts in the Silesian Nappe (Outer Ukrainian Carpathians, Uzh River Basin): 47.

Piotr JAGLARZ, Tomasz RYCHLIŃSKI, Paweł FILIPIAK, Alfred UCHMAN and Julius VAINORIUS – Sedimentary environments and stratigraphy of the Stipinai Formation (Upper Frasnian, northern Lithuania): a sedimentary record of sea-level changes in the Main Devonian Field of the East European Platform: 52.

Katarzyna JARMOŁOWICZ-SZULC – Hydrocarbon and aqueous inclusions in minerals: a review of analyses and interpretations for Paleozoic rocks in Poland: 56.

Mohammad Ali KAVOOSI and Neda EZOJI – The Cenomanian heterozoan carbonates in the north-central Alborz, north-east Kelardasht, north Iran: 37.

Artur KĘDZIOR, Marek WIDERA and Tomasz ZIELIŃSKI – Ancient and modern anastomosing rivers: insights from sedimentological and geomorphological case studies of the Triassic, Neogene and Holocene of Poland: 54.

Tarmo KIIPLI – Silurian volcanism recorded in sedimentary sections at the southwestern margin of the East European Platform: geochemical correlation and tectono-magmatic interpretation: 13.

Maciej J. KOTARBA, Elżbieta BILKIEWICZ, Krzysztof JUREK, Marta WALICZEK, Dariusz WIĘCŁAW and Hieronim ZYCH – Thermogenic gases generated from coals and carbonaceous shales of the Upper Silesian and Lublin Coal basins: a hydrous pyrolysis approach: 26.

Agata KOZŁOWSKA-ROMAN and Stanisław Z. MIKULSKI – Chemical and morphological characterization of polymetallic (Mn-Fe) nodules from the Clarion-Clipperton Zone in the Pacific Ocean: 57.

Łukasz KRUSZEWSKI, Monika KISIEL and Małgorzata CEGIEŁKA – Soil development in a coal-burning environment: the Upper Silesian waste heaps of Poland: 24.

Marta KUBERSKA, Magdalena SIKORSKA- JAWOROWSKA, Aleksandra KOZŁOWSKA and Teresa PODHALAŃSKA – Petrographic characteristics of the Ordovician and Silurian deposits in the Baltic Basin (N Poland) and their relevance for unconventional hydrocarbon accumulations: 44.

Rafał KUDREWICZ – A 3D model of the thermal field within the Polish Carpathians and the Carpathian Foredeep (S Poland): 39.

Dawei LV, Guangqing HU, A.J. (Tom) VAN LOON and Dun WU – Depositional environments of the Carboniferous-Permian Taiyuan Formation (southern North China Block) as deduced from trace elements and from carbon and oxygen isotopes: 1.

Piotr ŁUCZYŃSKI – Early and Middle Jurassic tectonically controlled deposition in the High-Tatric succession (Tatricum), Tatra Mountains, southern Poland: a review: 16.

Rafał MAŁEK and Stanisław Z. MIKULSKI – A rare indium-bearing mineral (Zn-In-Cu-Fe sulphide) from the Stara Kamienica Schist Belt (Sudetes, SW Poland): 7.

Sławomir MEDERSKI, Łukasz KRUSZEWSKI and Jaroslav PRŠEK – Epithermal Cu mineralization in the Stary Lesieniec rhyodacite quarry, Lower Silesia: primary and secondary mineral paragenesis: 43.

Fanwei MENG, Zhili ZHANG, Krzysztof BUKOWSKI, Qingong ZHUO, Naveed AHSAN, Saif UR-REHMAN and Pei NI – A strongly positive sulphur isotopic shift in late Ediacaran-early Cambrian seawater: evidence from evaporites in the Salt Range Formation, northern Pakistan: 30.

Maxim NAPREENKO, Tatiana NAPREENKO- DOROKHOVA and Alexandr MATUL – Reconstructing the Holocene environments in the Russian sector of the Neman Delta area, Kaliningrad Region: 32.

Katarzyna NARKIEWICZ, CARLO CORRADINI, Nuriddin ABDIEV and Marek NARKIEWICZ – Conodont biostratigraphy and biofacies across the Devonian-Carboniferous boundary in the Kule section (Uzbekistan): 17.

Slavomír NEHYBA and Reinhard ROETZEL – Coastal sandy spit deposits (Lower Burdigalian/Eggenburgian) in the Alpine-Carpathian Foredeep of Lower Austria: 50.

Daniel OKUPNY, Ryszard Krzysztof BORÓWKA, Jacek FORYSIAK, Juliusz TWARDY, Marek KLOSS and Sławomir ŻUREK – The relationship between the chemical composition and lithology of Late Glacial and Holocene biogenic deposits of the Żabieniec mire (Central Poland): 11.

Marcin OLKOWICZ, Kinga BOBEK, Marek JAROSIŃSKI and Radomir PACHYTEL – Comparison of joint sets orientation in the Lower Paleozoic shales exposed in Scania (SW Sweden) and concealed in N Poland: a multi-methodological approach: 63.

Armin OMIDPOUR, Reza MOUSSAVI-HARAMI, A.J. (Tom) VAN LOON, Asadollah MAHBOUBI and Hossain RAHIMPOUR-BONAB – Depositional environment, geochemistry and diagenetic control of the reservoir quality of the Oligo-Miocene Asmari Formation, a carbonate platform in SW Iran: 27.

Nursel ÖKSÜZ, İsmail KOÇAK and Uğur TEMİZ – Geochemical and tectonic characteristics of manganese mineralization in the Yozgat region, Turkey: 31.

Danuta PERYT, Małgorzata GARECKA and Tadeusz Marek PERYT – Foraminiferal and calcareous nannoplankton biostratigraphy of the upper Badenian-lower Sarmatian strata in the SE Polish Carpathian Foredeep: 18.

Tadeusz Marek PERYT and Leszek SKOWROŃSKI – The stratigraphy of Zechstein strata in the East European Craton of Poland: an overview: 48.

Zdzisław PETECKI and Janina WISZNIEWSKA – Internal structure of the buried Suwałki Anorthosite Massif (East European Craton, NE Poland) based on borehole, magnetic and gravity data combined with new petrological results: 4.

Alicja PIŁACIK and Marek JAROSIŃSKI – Present-day stress profile in the Baltic Basin sedimentary succession constrained by drilling-induced structures: interpretation uncertainties: 51.

Yana POPIUK, Bogdan RIDUSH and Tatiana SOLOVEY – Middle and Late Pleistocene terrestrial snails from the Middle Dniester area, Ukraine (based on Mykola Kunytsia's collections): 6.

Zbyszek REMIN, Michał CYGLICKI, Marcin BARSKI, Zofia DUBICKA and Joanna ROSZKOWSKA-REMIN – The K-Pg boundary section at Nasiłów, Poland: stratigraphic reassessment based on foraminifers, dinoflagellate cysts and palaeomagnetism: 45.

Joanna RYCHEL – Palaeogeographic reconstruction of the North Podlasie region in the Sokółka area during the Late Pleistocene (NE Poland): 12.

Rana SHIRI and Fatemeh HADAVI – Biostratigraphy and palaeoecology of the Dalichai Formation (Lower Cretaceous) based on calcareous nannofossils from the western Alborz Mountains (north-west Iran): 53.

Žarūnas SKUODIS, Dainius MICHELEVIČIUS, Aldona DAMUŠYTĖ, Juozas VALIVONIS, Jurgis MEDZVIECKAS, Arnoldas ŠNEIDERIS, Aidas JOKUBAITIS and Mykolas DAUGEVIČIUS – The engineering geological and geotechnical conditions of Gediminas Hill (Vilnius, Lithuania): an update: 42.

Justyna SMOLAREK-LACH, Magdalena GORYL and Leszek MARYNOWSKI – Sugars in environmental samples and sedimentary rocks – effectiveness in derivatization for GC-MS analysis: 40.

Aleksandra STACHOWSKA and Piotr KRZYWIEC – Depositional architecture of the Upper Cretaceous succession in central Poland (Grudziądz-Polik area) based on regional seismic data: 21.

Zbigniew SZCZEPANIK and Anna ŻYLIŃSKA – Terreneuvian acritarch assemblages of the Holy Cross Mountains – a new approach: 29.

Vaida ŠEIRIENĖ, Alexander KARABANOV, Valentinas BALTRŪNAS, Bronislavas KARMAZA, Valentas KATINAS, Violeta PUKELYTĖ, Tatyana RYLOVA and Svetlana DEMIDOVA – Correlation of Eemian sections in Lithuania and Belarus based on palaeomagnetic, radioisotope and palaeobotanic data: 46.

Pavle TANČIĆ, Darko SPAHIĆ, Dragan JOVANOVIĆ, Aleksandra ĆIRIĆ, Maja POZNANOVIĆ-SPAHIĆ and Nenad VASIĆ – Occurrences and characterization of alunite group minerals from the Lece-Radan Oligo-Miocene volcanic complex (Serbia): 19.

Grzegorz UŚCINOWICZ, Tomasz SZARAFIN, Urszula PAĆZEK, Mirosław LIDZBARSKI and Ewa TARNAWSKA – Geohazard assessment of the coastal zone – the case of the southern Baltic Sea: 5.

Antoni WÓJCIK, Małgorzata GARECKA, Tomasz MALATA and Monika PILARZ – The youngest deposits infilling the Gdów "embayment" (Carpathian orogenic front, south Poland) are not older than late Sarmatian-Pannonian: 22.

Michał WOJTOWICZ, Marek JAROSIŃSKI and Radomir PACHYTEL – Unconfined compressive strength of Lower Paleozoic shales from the Baltic Basin (northern Poland): 33.

Emil WÓJCIK, Andrzej PELC and Adrian PACEK – Late Variscan deformation events in the Bardo Syncline revealed by biotite K-Ar dating of Ludlow-age tuffite (Holy Cross Mountains, Poland): 15.

Adam WÓJCIK, Marek JAROSIŃSKI and Michał Grzegorz ROMAN – The estimation of CO₂ storage potential of a gas-bearing shale succession at the early stage of reservoir characterization: a case study from the Baltic Basin (Poland): 3.

Çetin YEŞİLOVA, Pelin GÜNGÖR YEŞİLOVA, Mustafa AÇLAN, Tsai-Luen YU and Chuan-Chou SHEN – U-Th ages and facies properties of Edremit travertines and tufas, Van, Eastern Anatolia: implications for the neotectonics of the region: 28.

Andrzej ŻELAZNIEWICZ and Mirosław JASTRZĘBSKI – Evolution of Neoproterozoic–Paleoproterozoic basement in the Brunovistulia terrane, S Poland: geological, *P-T* and geochemical records: 20.