

Contents

Badr Raid, El Anbaawy Mohamed, El Kammar Ahmed: Diagenetic characteristics of the Jurassic Lower Safa reservoir sandstones, Obaiyed field, North western desert, Egypt	9
Baibatsha Adilkhan. B., Muszyński Andrzej, Bekbotayev Anarbek T., Bekbotayeva Alma A: Lithological features of sandstones from underwater delta facies at Zhezkazgan deposit	10
Bartha István Róbert, Tóké Lilla, Fodor László, Csillag Gábor, Magyar Imre, Lantos Zoltán, Sztanó Orsolya: Deltaic deposits and inundated basement blocks: consequences for paleotopography, Gerecse Hills, Hungary	13
Chadimová Leona, Hladil Jindřich, Skála Roman, Strnad Ladislav, Navrátil Tomáš, Fridrichová Michaela: Modern long-range atmospheric dust transport over the Czech Republic – the case of North African dust load in spring 2014	15
Czarniecka Urszula, Wysocka Anna: Microfacies of “detrital Sarmatian” deposits in the northern marginal part of the Fore-Carpathian Basin (Middle Miocene, SE Poland)	16
Czarniecka Urszula, Łoziński Maciej, Wysocka Anna: Quantitative study of Neogene and Quaternary coarse-grained deposits from the Orava-Nowy Targ Basin (Western Carpathians; Poland and Slovakia)	18
Faměra Martin, Bábek Ondřej, Hladil Jindřich: Petrophysical proxies of Middle Devonian sea-level oscillations from outcrop and subsurface; Moravo-Silesian carbonate platform, Czech Republic	19
Flášar Jan, Martínek Karel: Neogene-Quaternary response of the Novohradské hory Mts. fluvial systems to tectonics – first results from morphotectonic and stream-length index analyses	20
Franců Juraj, Otava Jiří: Depositional, burial, thermal, and erosional history along and across the Variscan front, Czech Republic	22
Goldbach Marek, Geršlová Eva, Nehyba Slavomír: Role of uplift and erosion in the Vizovice Mountains prospection area	24
Golonka Jan, Barmuta Jan, Barmuta Maria, Krobicki Michał, Cieszkowski Marek, Ślaczka Andrzej: Olistoplaques in the Carpathian and Sudety Mountains	26
Grizelj Anita, Peh Zoran: Discriminant Function Analysis of Miocene pelitic sediments from the Southwestern Part of the Pannonian Basin System, Croatia	28
Halász Amadé, Dezső József, Lóczy Dénes: Sedimentology and hydrology of an Ox-bow Lake (Dráva-basin): preliminary results.	30
Halász Amadé, Konrád Gyula, Pozsgai Emília: Sedimentological analysis of the intercalation of the Boda Claystone Formation	31
Hanáček Martin, Nývlt Daniel, Engel Zbyněk: Glacial depositional settings on rugged preglacial topography of Žulová Massif (Sudetes Mts. foothill)	32

Ivančič Kristina, Šmuc Andrej, Skaberne Dragomir: Neogene sedimentary evolution of the Slovenjgradec basin (NE Slovenia)	34
Janočko Juraj: Facies and depositional processes of conglomerates filling a submarine canyon; A case study from the Central Carpathian paleogene basin.....	35
Jirman Petr, Geršlová Eva, Goldbach Marek: Subsidence and thermal history of the Slusovice-1 borehole.....	37
Kadlec Jaroslav, Chadima Martin, Schnabl Petr, Šifnerová Kristýna, Čuda Jan, Rojik Petr, Martínek Karel: Paleoenvironmental reconstructions based on rock magnetic proxies from Miocene lake deposits in the Sokolov Basin (NW Bohemia).....	38
Kocurek Gary, Eastwood Erin, Mohrig David, Swanson Travis: Interpreting the Climatic Signal from Aeolian Dune Cross-Strata	39
Kováč Michal, Hudáčková Natália, Kováčová Marianna, Hlavatá Jana, Pereszlényi Miroslav, Sopková Bohuslava, Synak Rastislav, Rybár Samuel, Šujan Michal: Delta systems of the Vienna and Danube basin	40
Kováček Martin, Lehotský Tomáš: Lithofacies and trace fossils: a case study on selected profiles of the Myslejovice Formation (Drahany culm basin).....	42
Kresnik Tjaša, Vrečko Jerneja, Šmuc Andrej, Rožič Boštjan, Popit Tomislav: Pliocene fluvial deposit of Kuštanovci gravel pit (Goričko, NE Slovenia).....	44
Krobicki Michał, Feldman-Olszewska Anna, Iwanczuk Jolanta, Hnylko Oleh: Late Jurassic- Early Cretaceous pyroclastic flysch in the Ukrainian Carpathians.....	45
Kulaviak Lukáš, Hladil Jindřich, Růžička Marek, Chadimová Leona, Slavík Ladislav: Towards the structures of the carbonate beds rapidly deposited from high-density suspensions: Experiments with five fractions of angular grains in a settling column	47
Kumpan Tomáš, Bábek Ondřej, Kalvoda Jiří, Matys Grygar Tomáš, Frýda Jiří: The Devonian-Carboniferous Boundary in the Namur-Dinant Basin (S Belgium, NE France): a Petrophysical and Geochemical Analysis of the Carbonate Ramp Archive	49
Kurečić Tomislav, Mandić Oleg, Grunert Patrick: First stable isotope ($\delta^{13}\text{C}$, $\delta^{18}\text{O}$) results of Pliocene malacofaunas from sediments of Lake Slavonia (Kravarsko, Croatia).....	50
Lemberkovics Viktor: Lessons from combination of modern 3D seismic and historical well data: development of a Gilbert-delta, late Early Miocene trough, Hungary	52
Łoziński Maciej, Ziolkowski Piotr, Wysocka Anna: Sedimentary vs. tectonic record: the application of anisotropy of magnetic susceptibility method within fine clastic sediments of the Orava-Nowy Targ Basin, Western Carpathians.....	53
Mach Karel, Teodoridis Vasilis, Matys Grygar Tomáš, Kvaček Zlatko, Suhr Peter, Standke Gerda: Lower Miocene paleogeography of the Most Basin and Saxony based on geochemistry of clays and distribution of heavy minerals in sands.....	54

Macklin Mark G: Seeing things whole: database and meta-analysis of fluvial responses to Holocene environmental change.....	56
Martínek Karel, Šimůnek Zbyněk, Drábková Jana, Zajíc Jaroslav, Stárková Marcela, Opluštil Stanislav, Rosenau Nicholas, Lojka Richard: Pennsylvanian (Stephanian C) Ploužnice lacustrine system of the Krkonoše Piedmont Basin: sedimentary facies, paleosols, environments, biota and climatic interpretation.....	57
Matys Grygar Tomáš, Mach Karel, Martinez Mathieu: Eccentricity control in Miocene deltaic-lacustrine sediments in Bohemian Massif.....	59
Mohrig David: Connecting rivers and deltas to hyperpycnal-flow deposits and turbidites using laboratory, numerical and field studies.....	61
Nádaskay Roland, Uličný David: Genetic stratigraphy of Coniacian deltaic deposits of the northwestern part of the Bohemian Cretaceous Basin.....	62
Németh Alexandra, Mindrescu Marcel, Grădinaru Ionela, Bozsó Gábor, Bihari Árpád, Németh Tibor, Fekete József, Kern Zoltán: 650 years in sedimentological and geochemical records from a varved lake (Bolătău, Bucovina, NE Romania) – anthropogenic impact and climate fluctuation	64
Neuhuber Stephanie, Beidinger Andreas, Decker Kurt, Wagneich Michael, Gier Susanne, Hoprich Maria, Löffler Raffaella, Mohammed Omar, Rupprecht Doris: Multidisciplinary Study of Rhenodanubian Flysch Units (Austria): Structural Styles, Stratigraphy, and Reservoir Properties.....	66
Novák Aleš, Bábek Ondřej, Šimíček Daniel: Stratigraphy and petrophysical characteristics of Quaternary fluvial deposits in the Upper Morava pull-apart basin.....	67
Novak Andrej, Udovč Jan, Šmuc Andrej: Upper Oligocene submarine clastic-volcanic sequence at Rogatec (Eastern Slovenia)	69
Nováková Tereza, Matys Grygar Tomáš, Kotková Kristýna, Elznicová Jitka, Mihaljevič Martin: Tracing anthropogenic alluvium in fluvial sediments	70
Ozis Leni, Šmuc Andrej: Tufa formations in rock shelters in Slovenian Istria (SW Slovenia).....	72
Palotás Klára: Sarmatian (Middle Miocene) carbonate sand bodies and their sedimentary environment around Budapest	74
Predtechenskaya Elena, Zlobina Olga, Krol Lyubov: High-carbon siliceous argillites and silicites of the Bazhenov horizon (West Siberia). Composition, genesis and prediction methods.....	75
Preradović Hlede Špela, Kozole Špela, Šmuc Andrej: Effect of road sediments on roadside soils and sediments in Slovenia – A preliminary report	77
Rahimov Fuad, Aliyeva S.A, Averbukh B.M.: The methodology for system oil and gas geological zoning of complex regions	78

Rožič Boštjan, Treven Tea: Selective silification of ooids in the Hettangian to Pliensbachian Krikov Formation of the Slovenian Basin	77
Ryazanova Tatyana A: Comparative analysis of sedimentary basins formation in the southern Far East of Russia and East China	81
Rybár Samuel, Hudáčková Natália, Halásová Eva, Šarinová Katarína, Kováč Michal, Šujan Michal: Middle Miocene depositional systems of the Blatné depression	83
Sardar Abadi Mehrdad, Kulagina Elena, Da Silva Anne-Christine, Mossadegh Hossein, Steemans Philippe, Boulvain Frédéric: Depositional facies and regional paleogeography of the Lower Carboniferous Mobarak Formation in the Alborz Basin, northern Iran	84
Schnabl Petr, Grabowski Jacek, Oloriz Federico, Pruner Petr, Čížková Kristýna, Sobien Katarzyna, Wimbledon William A: Magnetostratigraphy of the Jurassic/Cretaceous boundary	87
Sedláček Jan, Bábek Ondřej: Present-day sedimentary environment in the Nové Mlýny Reservoir; Moravia, Czech Republic	88
Šimíček Daniel: Evidence of orogenic unroofing in the field spectral gamma-ray record obtained from siliciclastic sediments of the Silesian basin; the Outer Western Carpathians, Czech Republic	90
Šmuc Andrej, Rožič Boštjan, Verbovšek Timotej, Zupan Matija, Celarc Bogomir, Popit Tomislav: Holocene slope deposits in Tamar valley (NW Slovenia)	92
Špaček Petr, Bábek Ondřej, Štěpančíková Petra, Sedláček Jan: Late Cenozoic to recent tectonic grabens in the foreland of the Western Carpathians (NE Bohemian Massif) and their relation to the European Cenozoic Rift System	93
Šujan Michal, Kováč Michal, Rybár Samuel, Šarinová Katarína, Hudáčková Natália: Sedimentary environments of the Danube Basin Upper Miocene alluvial sequence	94
Sztanó Orsolya: Controls on deep-water sand delivery: models and evidences	97
Sztanó Orsolya, Sebe Krisztina, Csillag Gábor, Magyar Imre: Unusual lacustrine sediments on the surface: Szulimán turbidites, Lake Pannon, Upper Miocene, Western Mecsek, Hungary ...	99
Téczy Zoltán, Trosits Dalma, Balázs Attila, Horváth Ferenc: New interpretation of lithological trend diagrams in the Pannonian basin	101
Thamó-Bozsó Edit, Sebe Krisztina, Kónya Péter: An attempt to distinguish local and distal Upper Miocene deltaic sediments around the Mecsek Mountains (SW Hungary) based on mineralogical data	101
Tőkés Lilla, Sztanó Orsolya, Toro Balazs, Varkonyi Attila, Fodor Laszlo: Links between confined turbidite system development, slope evolution and structural control in Lake Pannon, Northern Somogy, Hungary	102
Uličný David, Jarvis Ian, Gröcke Darren R., Čech Stanislav, Laurin Jiří, Olde K., Trabuco-Alexandre João, Švábenická Lilian, Pedentchouk Nikolai: A high-resolution	

carbon-isotope record of the Turonian stage correlated to a siliciclastic basin fill: implications for mid-Cretaceous sea-level change	105
Uličný David, Špičáková Lenka, Grygar Radomír, Svobodová Marcela, Čech Stanislav, Laurin Jiří: Roles of inherited fault systems and basement lithology in the formation of Mid-Cretaceous paleodrainage of the Bohemian Massif	106
Wagreich Michael, Neuhuber Stephanie: Cretaceous oceanic red beds and oceanic anoxic events in a greenhouse world	107
Weiner Tomáš, Kalvoda Jiří: The Annulata events in the Moravian Karst (Famennian, Czech Republic) – remarks on stratigraphy	109
Wilmsen Markus, Niebuhr Birgit, Janetschke Nadine: The devil is in the detail: the Lower–Middle Turonian boundary interval in borehole BKS 7/91 (Danubian Cretaceous Group, Bavaria, Germany)	110
Wysocka Anna, Łoziński Maciej, Bojanowski Maciej, Jaroszewicz Elżbieta, Czarniecka Urszula, Ziolkowski Piotr, Kowalczyk Sebastian: New data on Neogene deposits from the Orava-Nowy Targ Basin (Poland-Slovakia cross-border)	111