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* monografie lub ich rozdziały niezamieszczone w wykazie ministerialnym

Bates D. E. B., Beli E., Brussa E. D., Cameron C. B., Cooper R. A., Gonzalez P., **Kozłowska A.**, Lenz A. C., Loydell D. K., Rigby S., Riva J. F., Steiner M., Toro B. A., VandenBerg A. H. M., Zalasiewicz, Zhang Y. D. 2023. *Treatise on Invertebrate Paleontology*, Part V, Hemichordata, Second Revision, Including Enteropneusta, Pterobranchia (Graptolithina). The University of Kansas, Paleontological Institute, Lawrence, Kansas, U.S.A. xxx + 548 pp., 310 figs.

* publikacje zamieszczone w wykazie ministerialnym

Adams, A., Daval, D., Baumgartner, L.P., Bernard, S., Vennemann, T., Cisneros-Lazaro, D., **Stolarski, J.,** Baronnet, A., Grauby, O., Guo, J., Meibom, A. 2023. Rapid grain boundary diffusion in foraminifera tests biases paleotemperature records. *Communications Earth & Environment* 4:144, doi:10.1038/s43247-023-00798-2 [Q1, 40 pkt]

Arrigoni, R, **Stolarski, J.,** Terraneo, T.I., Huang, D, Hoeksema, B.W., Berumen, M.L., Payri, C., Montano, S., Benzoni, F. 2023. Phylogenetics and taxonomy of the scleractinian coral family Euphylliidae. *Contributions to Zoology* 1–42, doi: 10.1163/18759866-bja10041 [Q1, 100 pkt]

Baliński, A., **Halamski, A.T.** 2023. Pre-Taghanic (Lower to lower Middle Givetian) brachiopods from Miłoszów in the Holy Cross Mountains (Poland). *Annales Societetis Geologorum Poloniae*, 93 (1): 3–102, doi: 10.14241/asgp.2023.01 [Q3, 100 pkt]

Bates D. E. B., Kirk† N. H., **Kozłowska A.** 2023. Morphology and reconstruction of the retiolitines: Silurian graptolites of the *Paraplectograptus* lineage (Graptolithina). *Comptes Rendus Palevol* 22 (4): 45-57, doi: 10.5852/cr-palevol2023v22a4 [Q3, 140 pkt]

Bielak, K., Benkowska-Biernacka, D., Ptak, M., **Stolarski, J.** Kalka, M., Dobryszycki, P. 2023. Otolin-1, an otolith- and otoconia-related protein, controls calcium carbonate bioinspired mineralization*. Biochimica et Biophysica Acta - General Subjects* 1867(5): 130327, doi: 10.1016/j.bbagen.2023.130327 [Q3, 100 pkt]

Binczewska, A., **Majewski, W.**, Wachnicka, A., Frankovich, T., Borówka, R.K., Sławińska, J., Bąk, M., Witkowski, A. 2023. Reconstruction of climate-induced environmental changes in the eastern Gulf of Mexico based on foraminifera sediment assemblages. *Journal of Sea Research* 196: 102451**.** [Q2, 70 pkt]

**Bitner, M.A.**, Bahrami, A., Josheghani, M.S., Yazdi, M., Zágoršek, K. 2023. New records of brachiopods from the Lower Miocene deposits of the Qom Formation of the Isfahan province, Central Iran. *Boletín de la Sociedad Geológica Mexicana*, 75(2), A010523. http://dx.doi. org/10.18268/BSGM2023v75n2a010523 [Q3, 70 pkt]

**Bitner, M.A.**, Hladilová, Š., Hrouzek, S. 2023. New record of Middle Miocene (Badenian) brachiopods from Moravia, Czech Republic. *Geological Research in Moravia and Silessia*, 30, 1–2, 38–44. https://doi.org /10.5817/GVMS2023-34376[Q4, 20 pkt]

**Bitner, M.A.**, Bahrami, A., Yazdi, M., Zágoršek, K. 2023. Brachiopods from the Lower Red Formation (Lower Oligocene) of the Isfahan Province, Central Iran. *Annales Societatis Geologorum Poloniae*, 93(4), 411-422. https://doi.org/10.14241/asgp.2023.17 [Q3, 100 pkt]

**Błażejowski, B.,** Pszczółkowski, A., Grabowski, J., Wierzbowski, H., Deconinck, J. F., Olempska, E., Teodorski, A., Nawrocki, J. 2023. Integrated stratigraphy and clay mineralogy of the Owadów–Brzezinki section (Lower–Upper Tithonian transition, central Poland): implications for correlations between the Boreal and the Tethyan domains and palaeoclimate. *Journal of the Geological Society*, 180, 2,. doi:10.1144/jgs2022-073 [Q2, 140 pkt]

Brychcy, A., Zatoń, M., Nawrot, R., **Halamski, A.T.**, Rakociński, M. 2023. Middle Devonian brachiopod-hosted sclerobiont assemblage from the southern shelf of Laurussia, Holy Cross Mountains, Poland. *Lethaia*, 56 (4): 1–24. [Q2, 100 pkt]

Canesi, M., Douville, E., Montagna, P., **Stolarski, J**., Bordier, L., Dapoigny, A., Coulibaly, G.E.H., Simon, A-C., Agelou, M., Iwankow, G., Allemand, D., Planes, S., Moulin, C. Tara Pacific Consortium Coordinators, Reynaud, S. 2023. Differences in carbonate chemistry up-regulation of long-lived reef-building corals. *Scientific Reports* 13:11589, doi:10.1038/s41598-023-37598-9 [Q2, 140 pkt]

Calábková, G., Březina, J., Nosek, V., **Madzia, D.** 2023. Synapsid tracks with skin impressions illuminate the terrestrial tetrapod diversity in the earliest Permian of equatorial Pangea. *Scientific Reports* 13: 1130. doi:10.1038/s41598-023-27939-z [Q2, 140 pkt]

Calábková, G., **Madzia, D.**, Nosek, V., M. Ivanov. 2023. Tracking ‘transitional’ diadectomorphs in the earliest Permian of equatorial Pangea. *PeerJ* 11: e16603 [Q2, 100 pkt]

**Czepiński, Ł.**, Pawlak, W., **Rytel, A.\***, Tałanda, M., **Szczygielski, T.**, **Sulej, T.** 2023. A new Middle Triassic vertebrate assemblage from Miedary (southern Poland). *Journal of Vertebrate Paleontology*. doi: 10.1080/02724634.2023.2265445 [Q3, 100 pkt]

**Czepiński, Ł.** 2023. Skull of a dromaeosaurid dinosaur *Shri devi* from the Upper Cretaceous of the Gobi Desert suggests convergence to the North American forms. *Acta Palaeontologica Polonica* 68 (2), 227-243. doi:10.4202/app.01065.2023 [Q2, 100 pkt]

**Czernielewski, M.\*** 2023. A new speciesof *Hystrix* (Rodentia: Hystricidae) from the Pliocene site of Węże 1 in southern Poland. *Acta Geologica Polonica* 73: 73–83. doi: 10.24425/agp.2022.142649 [Q3, 100 pkt]

Davies, A.J., Brand, U., Tagliavento, M., **Bitner, M.A.**, Bajnai, D., P. Staudigel, P., Bernecker, M., Fiebig, J. 2023. Isotopic disequilibrium in brachiopods disentangled with dual clumped isotope thermometry. *Geochimica et Cosmochimica Acta*, 359, 135–147. [https://doi.org/10.1016/j.gca.2023.08.005 [Q1, 200](https://doi.org/10.1016/j.gca.2023.08.005%20%5b200) pkt]

Desatnik R., Patterson Z.J., **Gorzelak P.,** Zamora S., LeDuc P., Majidi C. 2023. Soft robotics informs how an early echinoderm moved. *Proceedings of the National Academy of Sciences of the USA*, 120, No. 46, e2306580120. doi:10.1073/pnas.2306580120. [Q1, 200 pkt]

**Fostowicz-Frelik Ł.**, Tseng J. 2023. Introduction: The mammalian skull: development, structure and function. *Philosophical Transactions of the Royal Society B* 378, 20220077, doi:10.1098/rstb.2022.0077 [Q1, 70 pkt-preface]

**Fostowicz-Frelik Ł.,** Cox P. G., Li Q. 2023. Mandibular characteristics of early Glires (Mammalia) reveal mixed rodent and lagomorph morphotypes. *Philosophical Transactions of the Royal Society B* 378, 20220087, doi: 10.1098/rstb.2022.0087 [Q1, 140 pkt]

**Fostowicz-Frelik Ł.**, Li Q., Métais G. 2023. Editorial: Biotic changes in terrestrial environments around the Eocene–Oligocene transition. *Frontiers in Earth Science*. doi: 10.3389/feart.2023.1305471 [50 pkt-preface]

Gaaloul, N., Uchman, A., Riahi, S., **Janiszewska, K**., **Stolarski, J**., Kołodziej, B., Ben Ali, S. 2023. In vivo and post-mortem bioerosion traces in solitary corals from the Pliocene of Tunisia. *Acta Palaeontologica Polonica*, 68:659-681, doi: 10.4202/app.01095.2023 [Q2, 100 pkt]

Gałązka, D., Boerner, A., **Rytel, A.\*,** **Szczygielski, T.,** Borecka, A., Danel, W., Chruściel, M. 2023. Reinterpretacja fragmentu szkieletu gada z wczesnego triasu Pomorza. *Przegląd Geologiczny*, 71 (7), 386–391, doi: 10.7306/2023.34 [40 pkt]

**Gorzelak P.,** Kołbuk D., **Stolarski J**., **Bącal P**.\*, Januszewicz B., Duda P., Środek D., Brachaniec T., Salamon M.A., 2023. A Devonian crinoid with a diamond microlattice. *Proceedings of The Royal Society B* 290: 20230092, doi: 10.1098/rspb.2023.0092 [Q1, 200 pkt]

**Gorzelak P.,** Salamon MA. 2023.Eksploracja głębin Morza Karaibskiego w rejonie wyspy Roatán (Honduras) przez polskich paleontologów – teraźniejszość kluczem do poznania przeszyszłości. *Przegląd Geologiczny*, vol. 71, nr 2, 2023; doi: <http://dx.doi.org/10.7306/2023.4> [40 pkt]

**Halamski, A.T.** 2023. De la récolte des fossiles à la reconstruction des écosystèmes fossiles – Les prairies à brachiopodes du Dévonien des monts Sainte-Croix. *Bulletin de la Société linnéenne de Lyon*, 92 (9–10): 271–280. [Q4, 20 pkt]

Hayward, B.W., Holzmann, M., Pawlowski, J., Wollenburg, J., **Majewski, W.** 2023. Taxonomy and biogeography of living species of the Family Notorotaliidae (Notorotalia, Parrellina, Porosorotalia, Buccella, Cristatavultus). *Micropaleontology* 69: 259-302.[Q2, 70 pkt]

Korsun, S., Kniazeva, O., **Majewski, W.**, Godoi, M.A., Hromic, T., Varfolomeeva, M., Pawlowski, J. 2023. Foraminifera in temperate fjords strongly affected by glacial meltwater, Tierra del Fuego, South America. *Marine Micropaleontology* 181, 102248. [Q2, 70 pkt]

Lee S., **Słowiak-Morkovina J.** 2023. The Resting Breathing Rate of the Dinosaur Plateosaurus trossingensis via Conservation of Energy. *The Physics Teacher* 61, 166-169. doi: 10.1119/5.0077948 [Q4, 40 pkt]

López-Torres S., Bhagat R., Bertrand O. C., Silcox M. T., **Fostowicz-Frelik Ł.** 2023. Locomotor behavior and hearing sensitivity in an early lagomorph reconstructed from the bony labyrinth. *Ecology and Evolution* 13 (3), 9890. doi: 10.1002/ece3.9890 [Q2, 100 pkt]

López-Torres S., Bertrand O. C., Lang M. M., **Fostowicz-Frelik Ł.**, Silcox M. T., Meng J. 2023. Cranial endocast of *Anagale gobiensis* (Anagalidae) and its implications for early brain evolution in Euarchontoglires. Palaeontology 66. doi: 10.1111/pala.12650 [Q1, 100 pkt]

**Łukowiak M.**, Meiro G., Peña B., Villanueva Guimerans P., Corbí H. 2023. Miocene sponge assemblages in the face of the Messinian Salinity Crisis—new data from the Atlanto-Mediterranean seaway. *PeerJ* 11:e16277. doi:10.7717/peerj.16277.[Q2, 100 pkt]

**Machalski, M.,** Olszewska-Nejbert, D., Wilmsen, M. 2023. Stratigraphy of the Albian–Cenomanian (Cretaceous) phosphorite interval in central Poland: a reappraisal. *Acta Geologica Polonica,* 73 (1), 1–31. doi: 10.24425/agp.2022.142650 [Q3, 100 pkt]

**Mandera, S.\*,** Coronado, I., Fernandez-Diaz, L., Mazur, M., Cruz, J.A., Januszewicz, B., Fernandez-Martinez, E., Cozar, P., **Stolarski, J**. 2023. Earthworm granules: a model of non-classical biogenic calcium carbonate phase transformations. *Acta Biomaterialia*, doi: 10.1016/j.actbio.2023.03.034 [Q1, 140 pkt]

**Majewski, W.**, Szczuciński, W., Gooday A.J. 2023. Unique benthic foraminiferal communities (stained) in diverse environments of sub-Antarctic fjords, South Georgia. *Biogeosciences* 20: 523-544.[Q1, 140 pkt]

Olempska E., **Błażejowski B**., Waloszek D., Maas A. 2023. Phosphatic bromalites and microfossils from the Furongian (Cambrian) of northern Poland (Baltica) and palaeobiological implications. *Palaeogeography, Palaeoclimatology, Palaeoecology*, 610, 111350. doi:10.1016/j.palaeo.2022.111350 [Q2, 100 pkt]

Parent, H., **Kaim, A**., Alberto C. Garrido, A.,C. 2023. Ammonite assemblage and age of the hydrocarbon seep La Elina, Neuquén Basin, Argentina. *Annales Societatis Geologorum Poloniae*, 93: 353–361, doi: 10.14241/asgp.2023.14 [Q3, 100 pkt]

**Pindakiewicz, M.,K.\*, Hryniewicz, K., Kaim, A.** 2023. Early Cretaceous radiation of teleosts recorded by the otolith-based ichthyofauna from the Valanginian of Wąwał, central Poland. *Journal of Vertebrate Paleontology* e2232008, doi:10.1080/02724634.2023.2232008 [Q3, 100 pkt]

Pisera, A., **Bitner, M.A.,** Fromont, J. 2023. Eocene phymaraphiniid demosponges from South Western Australia: filling the gap. *Acta Palaeontologica Polonica* 68 (2): 261-272, doi: 10.4202/app.01052.2023 [Q2, 100 pkt]

Płaczkiewicz J., Gieczewska K., Musiałowski M., Adamczyk-Popławska M., **Bącal P**.\*, Kwiatek A.. 2023. Availability of iron ions impacts physicochemical properties and proteome of outer membrane vesicles released by Neisseria gonorrhoeae. *Scientific Reports* 13 (1): 18733 DOI 10.1038/s41598-023-45498-1 [Q2, 140 pkt]

Różycka, M., Bielak, K., Ptak, K., Jost, B., MeloRodriguez, G., Schoelkopf, J., **Stolarski, J.,** Dobroszycki, P., Ożyhar, A. 2023. The effect of gel exposition on calcium and carbonate ions determines the Stm-l effect on calcium carbonate crystals morphology. *Biomacromolecules* 24: 4042−4050, doi: 10.1021/acs.biomac.3c00395 [Q1, 140 pkt]

Ruf I., Meng J., **Fostowicz-Frelik Ł.** 2023. Auditory region circulation in Lagomorpha: the internal carotid artery pattern revisited. *Philosophical Transactions of the Royal Society B* 378, 20220088, doi:10.1098/rstb.2022.0088 [Q1, 140 pkt]

Sachs, S., **Madzia, D.,** Thuy, B., Kear, B.P. 2023. The rise of macropredatory pliosaurids near the Early-Middle Jurassic transition. *Scientific Reports* 13: 17558. doi:10.1038/s41598-023-43015-y [Q2, 140 pkt]

Sachs, S., Abel, P., **Madzia, D.** 2022. A ‘long-forgotten’ plesiosaur provides evidence of large-bodied rhomaleosaurids in the Middle Jurassic of Germany. *Journal of Vertebrate Paleontology* 42 (5): e2205456, doi:10.1080/02724634.2023.2205456 [Q3, 100 pkt]

Salamon, M.A., T. Brachaniec, K. Paszcza, D. Kołbuk, **P. Gorzelak** 2023. The role of mass extinction events in shaping the body-size dynamics of fossil crinoids. *Palaeogeography, Palaeoclimatology, Palaeoecology*, 622, 111593, doi:10.1016/j.palaeo.2023.111593 [Q2, 100 pkt]

Skompski S., **Kozłowska A**., Kozłowski W., Łuczyński P. 2023. Coexistence of algae and a graptolite-like problematicum: a case study from the late Silurian of Podolia (Ukraine). *Acta Geologica Polonica*, 73, 115–133, doi: 0.24425/agp.2022.143599 [Q3, 100 pkt]

**Stolarski, J**., Drake, J., Coronado, I., Vieira, A.R., Radwańska, U., Heath-Heckman, E.A.C., Mazur, M., Guo, J., Meibom, A. 2023. First paleoproteome study of fossil fish otoliths and the pristine preservation of the biomineral crystal host. *Scientific Reports* 13: 3822, doi: 10.1038/s41598-023-30537-8 [Q2, 140 pkt]

Surmik, D., **Słowiak-Morkovina, J., Szczygielski, T.,** Wojtyniak, M., Środek, D., Dulski, M., Balin, K., Krzykawski, T., Pawlicki, R. 2023. The first record of fossilized soft parts in ossified tendons and implications for the understanding of tendon mineralization. *Zoological Journal of the Linnean Society* 198, 747–766. doi: 10.1093/zoolinnean/zlad001 [Q1, 140 pkt]

**Szczygielski T**., Klein N., **Słowiak-Morkovina J**., Scheyer T. M. 2023. Limb histology of the Triassic stem turtles *Proterochersis porebensis* Szczygielski & Sulej, 2016 and *Proganochelys quenstedtii* Baur, 1887 with insights into growth patterns of early turtles. *Comptes Rendus Palevol* 22 (32): 635–665. doi:10.5852/cr-palevol2023v22a32 [Q3, 140 pkt]

**Szczygielski T., Sulej T.** 2023. *Woznikella triradiata* n. gen., n. sp. – a new kannemeyeriiform dicynodont from the Late Triassic of northern Pangea and the global distribution of Triassic dicynodonts. *Comptes Rendus Palevol* 22 (16): 279–406. doi:10.5852/cr-palevol2023v22a16 [Q3, 140 pkt]

**Szczygielski T., Piechowski R.** 2023. Limb anatomy of the Triassic turtles: appendicular osteology of *Proterochersis* (Testudinata, Proterochersidae). *Zoological Journal of the Linnean Society* 199: 771–831. doi:10.1093/zoolinnean/zlad057 [Q1, 140 pkt]

Weryński Ł, **Błażejowski B.** 2023. Late Jurassic teeth of plesiosauroid origin from the Owadów-Brzezinki Lägerstatte, Central Poland. *PeerJ* 11:e15628, doi:10.7717/peerj.15628 [Q2, 100 pkt]

Weryński Ł., **Błażejowski B.,** Kędzierski M. 2023. A comparison of teeth in Tithonian, Late Jurassic, predatory actinopterygian fishes from Owadów-Brzezinki Lägerstatte and its palaeoecological implications. *Acta Palaeontologica Polonica* 68 (3), 493–512, doi:10.4202/app.01058.2023 [Q2, 100 pkt]

**Wolniewicz, A. S.#**, Shen, Y., Li, Q., Sun, Y., Qiao, Y., Chen, Y., Hu, Y., Liu, J. 2023. An armoured marine reptile from the Early Triassic of South China and its phylogenetic and evolutionary implications. *eLife*, 83163, doi: 10.7554/eLife.83163 [Q1, 200 pkt]

Wierzbowski, H., **Błażejowski, B.** 2023. Chaetognath grasping spines from the Devonian of Poland: their structure and geochemistry. *Acta Palaeontologica Polonica* 68 (1): 103–116, doi:10.4202/app.01012.2022 [Q2, 100 pkt]

Ye, F., **Bitner, M.A**. Shi, G.R. 2023. Variation of shell ornamentation with latitude and water depth – A case study using living brachiopods. *Ecology and Evolution*, 13: e10006. doi: 10.1002/ece3.10006 [Q2, 100 pkt]

Ye, F., Shi, G.R., **Bitner, M.A.** 2023. Interhemispheric biodiversity peaks of living brachiopods coinciding with warm-temperate zones and correlated to a multitude of biotic, abiotic and evolutionary factors. *Global and Planetary Change*, 227, 104163. doi:10.1016/j.gloplacha.2023.104163 [Q2, 140 pkt]

* publikacje popularnonaukowe

Pacyna, G., **Sulej, T**., Ziaja, J. 2023. Oszustwa w paleontologii. *Academia* 4/76: 8-11 DOI. 10.24425/academiaPAN.2023.147605

**Stolarski, J.** 2023. Planowane muzeum historii naturalnej w Warszawie. *Academia* 4/76:78 DOI. 10.24425/academiaPAN.2023.147623

**Gryz P.\*,** 2023. Ptaki szablozębne. Salamandra. *Magazyn Przyrodniczy* 52 (1): 44-47.

**Gryz P.\*,** 2023. Prehistoria w kolorze. Salamandra. *Magazyn Przyrodniczy* 53 (2): 46-51.

**Gryz P.\*,** 2023. Petrelce - władcy antarktycznych przestworzy cz. 2. *Ptaki Polski* 66 (1/2023): 34-39.

**Gryz P.\*,** 2023. Petrelce - władcy antarktycznych przestworzy cz. 3 . *Ptaki Polski* 67 (2/2023): 28-33.

**Gryz P.\*,** 2023. Dropie – naziemni kuzyni kukułek. *Ptaki Polski* 68 (3/2023): 26-31.

**Gryz P.\*,** 2023. Zielone sroki. *Ptaki. Kwartalnik Ogólnopolskiego Towarzystwa Ochrony Ptaków* 1’23 116: 36-41.

**Gryz P.\*,** 2023. Ptasie-Archiwum-X – Kazarka czubata. *Ptaki. Kwartalnik Ogólnopolskiego Towarzystwa Ochrony Ptaków* 1’23 116: 42-43.

**Gryz P.\*,** 2023. Krabożer. *Ptaki. Kwartalnik Ogólnopolskiego Towarzystwa Ochrony Ptaków* 2’23 117: 36-41.

**Gryz P.\*,** 2023. Ptasie-Archiwum-X – Puchatek turkusowy. *Ptaki. Kwartalnik Ogólnopolskiego Towarzystwa Ochrony Ptaków* 2’23 117: 42-43.

**Gryz P.\*,** 2023. Gęś krótkodzioba. *Ptaki. Kwartalnik Ogólnopolskiego Towarzystwa Ochrony Ptaków* 3’23 118: 36-41.

**Gryz P.\*,** 2023. Ptasie-Archiwum-X – Przepiórecznik. *Ptaki. Kwartalnik Ogólnopolskiego Towarzystwa Ochrony Ptaków* 3’23 118: 42-43.

**Gryz P.\*,** 2023. Rybitwa antarktyczna. *Ptaki. Kwartalnik Ogólnopolskiego Towarzystwa Ochrony Ptaków* 4’23 119: 36-40.

**Gryz P.\*,** 2023. Ptasie-Archiwum-X – Modroara turkusowa. *Ptaki. Kwartalnik Ogólnopolskiego Towarzystwa Ochrony Ptaków* 4’23 119: 41-42.

* pozostałe publikacje naukowe w tym krajowe i zagraniczne doniesienia konferencyjne (zaznaczyć poster czy referat).

**Bakayeva S.\*,** **Kaim A.** 2023. Wilhelm Friedberg’s collections at the State Museum of Natural History in Lviv, Ukraine: for his 150th birth anniversary. In: Organic world of the Precambrian and Phanerozoic: theoretical and applied aspects of research: Мaterials of the International Scientific Сonference and XLI Session of the Ukrainian Paleontological Society of the NAS of Ukraine (Kyiv, October 11–12, 2023): 14-15, Кyiv. [referat]

**Bakayeva S.\***, **Kaim A.** 2023. The patterns of evolution in maturifusid gastropods expressed in juvenile shells: insights from ongoing research. In: Organic world of the Precambrian and Phanerozoic: theoretical and applied aspects of research: Мaterials of the International Scientific Сonference and XLI Session of the Ukrainian Paleontological Society of the NAS of Ukraine (Kyiv, October 11–12, 2023): 38-40, Кyiv. [referat]

**Bakayeva S.\*, Kaim A.** 2023. The first record of a turbinellid gastropod from the Barremian of Bulgaria and its importance for the evolution of Neogastropoda. In: 22nd Czech – Polish – Slovak Palaeontological Conference (October 17-19, 2023, Ostrava, Czechia). Skupien P. (Ed.). Abstracts: 15-16. ISBN 978-80-248-4692-7 [referat]

**Bitner, M.A.**, Bahrami, A., Yazdi, M., Zágoršek, K. 2023. Brachiopods from the Lower Oligocene Lower Red Formation of Central Iran. 22nd Czech-Slovak-Polish Palaeontological Conference, 17-19 October 2023, Ostrava, Czechia. Abstracts, p. 18-19. [referat]

**Bitner, M.A.**, Hladilová, S., Hrouzek, S. 2023. New record of Middle Miocene (Badenian) brachiopods from Moravia, Czech Republic. 22nd Czech-Slovak-Polish Palaeontological Conference, 17-19 October 2023, Ostrava, Czechia. Abstracts, p. 20-21. [poster]

**Błażejowski B.** 2023. Exceptionally preserved Late Jurassic ecosystem of Owadów-Brzezinki, Central Poland. J. Stolarski, A.M. Gothmann (Eds.), 14th Symposium of the International Fossil Coral and Reef Society (IFCRS). Poland, 10-16 September 2023. Conference book, 23–28. [referat]

**Błażejowski B.**, Weryński Ł. 2023. Summary of a decade of research at the Owadów-Brzezinki palaeontological site. In: Wierzbowski H., Wierzbowski A., Błażejowski B. (Eds.), Jurassica XII Conference in Iłża, Poland, Field trip guide and abstracts, 37–45. [referat]

Bosellini, F., **Stolarski, J**. 2023. Eocene stilt walkers: unique rotatory growth strategy of the scleractinian coral Stylocoenia. Paleodays XXIII edition, Lecce 7-9 June 2023, p. 34 [referat]

Bosellini, F., **Stolarski, J**. The rolling stones: An extreme evolutionary adaptation of colonial scleractinian corals to colonize soft bottoms. 14th Symposium of the International Fossil Coral and Reef Society (IFCRS). Poland, 10-16 September 2023, p. 48. [referat]

Brand, U., Rollion-Bard, C., Griesshaber, E., Azmy, K., **Bitner, M.A.**, Morrison, A. 2023. Li/Ca a novel paleothermometer: unlocking deep-time climate perturbations. The GSA Connects 2023 Meeting in Pittsburgh, Pennsylvania, 15-18 October 2023, USA. [referat]

Coronado, I., Cruz, J.A., Sáenz-Navajas, M., Mateos-Carralafuente, R., Cózar, P., **Owczarek, A**.\*, Fernández-Martínez, E., Fernández-Díaz, L., **Stolarski, J**. 2023. Secondary aragonite recrystallization during otolith diagenesis: natural and experimental evidence. 17th International Symposium on Biomineralization, Aug 2023, Saint-Etienne, France. [referat]

**Czepiński, Ł**. 2023. Diversity of the archosauriform teeth from the new Ladinian (Middle Triassic) site in Poland. 6th International Meeting of Early-Staged Researchers in Palaeontology, Lourinha, Portugalia, 11-15 April 2023. Abstracts, p. 32 [poster]

Ferreira, G.S., Kyriakouli, C., Drożdż, D., **Szczygielski T.** 2023. Multiple solutions to the same problem: Shell biomechanics in early turtles (Late Triassic). 20th Annual Conference of the European Association of Vertebrate Palaeontologists, 26.06–1.07.2023, Barcelona, Hiszpania. Palaeovertebrata Special Volume 1-23: 84. [referat]

**Fostowicz-Frelik Ł**., Neander A., Luo ZX. 2023. Dental replacement in the Late Cretaceous eutherian *Kennalestes gobiensis* and its implications for placental mammals. Anatomical Society Summer Meeting, July 25–27, Bangor, UK. [referat]

**Gorzelak P**., **Stolarski J**., Kołbuk D. 2023. Exploring the influence of seawater chemistry on biomineralization and mechanical properties in echinoderms: current developments and future perspectives. New Opening – Polish-Vietnamese Scientific Conference (Vietnam, Hanoi, November 6-15, 2023). [referat]

**Gorzelak P**., **Stolarski J**., Kołbuk D., Dubois P. 2023. Effect of shifts in the Mg2+/Ca2+ ratio of seawater on mechanical properties of the echinoderm skeleton. European Conference on Echinoderms (ECE11) (France, Lyon, October 16-20, 2023). [referat]

Hornung, J.J., **Madzia, D.**, Sachs, S., Schwermann, A.H. 2023. A high-diversity assemblage of herbivorous dinosaurs from a Barremian–Aptian paleoupland locality of northwestern Germany: p. 124. In: Alba DM, Marigó J, Nacarino-Meneses C, Villa A. (eds). Book of Abstracts of the 20th Annual Conference of the European Association of Vertebrate Palaeontologists, 26th June – 1st July 2023. Palaeovertebrata, Special Volume 1-23. DOI: 10.18563/pv.eavp2023 [poster]

**Hryniewicz, K.**, Miyajima, Y., Skupien, P., **Kaim, A.** 2023. Paleocene molluscan fauna from Carpathian deep-sea hydrocarbon seep deposit. 17-19 October 2023, Ostrava, Czechia. Abstracts, p. 43. [poster]

**Kaim A.** 2023. Gastropods in ancient hydrocarbon seeps and hydrothermal vents—history of the adaptation to extreme environments. In: 22nd Czech – Polish – Slovak Palaeontological Conference (October 17-19, 2023, Ostrava, Czechia). Skupien P. (Ed.). Abstracts: 49. ISBN 978-80-248-4692-7 [referat]

Kowalewski M., Torres L., Kołbuk D., **Gorzelak P**. 2023. Geochemical signatures of sand dolar tests (*Mellita tenuis*) from two disparate environments along the gulf coast of florida. Geological Society of America Abstracts with Programs. Vol. 55, No. 6 doi: 10.1130/abs/2023AM-390220 [referat]

**Kozłowska A.** 2023. Genicular structures of retiolitines (Graptolithina) as an indicator of Homerian Silurian environment. 4th International Congress on Stratigraphy, STRATI 2023, Lille, France, 11th-13th July. Book of Abstracts, 304. [poster]

Kugler S., Uchman A., **Błażejowski B.**2023. Ichnological analysis of the Tithonian deposits in the Owadów-Brzezinki section, Central Poland. In: Wierzbowski H., Wierzbowski A., Błażejowski B. (Eds.), Jurassica XII Conference in Iłża, Poland, Field trip guide and abstracts, 63–64. [poster]

Kyriakouli, C., Drożdż, D., **Szczygielski, T.**, Ferreira, G.S. 2023. Virtual reconstruction of a fossil turtle shell using Blender. 20th Annual Conference of the European Association of Vertebrate Palaeontologists, 26.06–1.07.2023, Barcelona, Hiszpania. Palaeovertebrata Special Volume 1-23: 141. [poster]

López-Torres S., Bertrand O. C., **Fostowicz-Frelik Ł.**, Lang M. M., Law C. J., San Martin-Flores G., Schillaci M. A., Silcox M. T. 2023. Brain size allometry and encephalization quotients in Euarchontoglires. Society of Vertebrate Paleontology 83rd Annual Meeting, October 18–21, Cincinnati, OH, USA [referat]

**Łukowiak**, **M.,** Corbí, H., Meiro, G., Peña, B. 2023. New data on the Neogene sponge fauna from the Atlanto-Mediterranean seaway. 22nd Czech-Slovak-Polish Palaeontological Conference, 17-19 October 2023, Ostrava, Czechia. Abstracts, p. 84. [poster]

**Madzia, D.** 2023. Insights into the phylogenetic relationships of European ornithischian dinosaurs: p. 71. In: Skupien P. (Ed.). Book of Abstracts of the 22nd Czech-Slovak-Polish Palaeontological Conference, 17th October – 19th October 2023, Ostrava, Czechia. [poster]

**Majewski, W.**, Szczuciński, W., Gooday, J.A. 2023. Benthic foraminiferal communities (stained) in sub-Antarctic fjords of South Georgia. International Symposium on Foraminifera FORAMS 2023. Perugia, Italy, June 26 – June 30, 2023. Abstracts with Program: 177-178. [referat]

**Majewski, W.**, Szczuciński, W., Gooday, A. 2023. Zespoły otwornic bentosowych z subantarktycznych fiordów Georgii Południowej. Sympozjum Polarne BIS. Sopot, 19 maja 2023. [referat]

Marchetti, L., Klein, H., **Szczygielski, T.**, Dróżdż, D., Fröbisch, J. 2023. Revision of a most diverse tetrapod ichnoassemblage from the Buntsandstein (early Anisian, Middle Triassic) of Germany. 94. Jahrestagung Paläontologische Gesellschaft, 18–22.09.2023, Jena, Niemcy. Abstract Volume: 50. [referat]

Muniak P., **Fostowicz-Frelik Ł.** 2023. Reconstruction of the brain endocast and inner ear structure in the djadochtatheriid multituberculate *Tombaatar* (Mammalia) and individual variation in the genus. XXI Encontro de Jovens Investigadores em Paleontologia/6 th International Meeting of Early-Stage Researchers in Palaeontology, April 11–15, Lourinhã, Portugal [referat]

Muniak P., **Fostowicz-Frelik Ł.** 2023. New data on the dental replacement in djadochtatherioid multituberculate mammals. Fourth Virtual Palaeontological Congress, May 8–22 (online) [poster]

**Owocki K.,** **Fostowicz-Frelik Ł.** 2023. Stable isotopes of the fossil vertebrate enamel as the climate change proxy during the Late Cretaceous to Cenozoic of Mongolia. PALEOKLIMAT 4 Scientific Conference, Polish Geological Institute, November 22–23, Warsaw, Poland [referat]

**Pindakiewicz, M.\*** 2023.Paleoecology, and diversification pattern of fishes and cephalopods in Mesozoic epicontinental seas based on otoliths and statoliths. 7th International Otolith Symposium w Vina del Mar, Chile. 09-13.10.2023. Book of Abstracts p.58. [referat]

**Pindakiewicz, M.\*** 2023.Otolith-based ichthyofauna from Cassian Formation (Carnian), Northern Italy. 7th International Otolith Symposium w Vina del Mar, Chile. 09-13.10.2023. Book of Abstracts p.57. [poster]

**Pindakiewicz, M.\*, Hryniewicz, K. Kaim, A.** 2023 Early Cretaceous radiation of teleosts recorded by the otolith-based ichthyofauna from the Valanginian of Wąwał, central Poland. 22nd Czech-Slovak-Polish Palaeontological Conference, 17-19 October 2023, Ostrava, Czechia. Abstracts, p. 82-83. [referat]

Pisera, A., **Bitner, M.A.**, Fromont, J. 2023. Eocene phymaraphiniids (Demospongiae) from Southwest Australia: filling the gap. 22nd Czech-Slovak-Polish Palaeontological Conference, 17-19 October 2023, Ostrava, Czechia. Abstracts, p. 84. [poster]

**Rytel, A.\***, Surmik, D., **Szczygielski, T.**, Scheyer, T. 2023. Unique internal anatomy of cervical vertebrae discovered in Triassic archosauromorphs from central Europe. Society of Vertebrate Paleontology, 83rd Annual Meeting, 18–21.10.2023, Cincinnati, USA. Program Guide: 375–376. [poster]

**Rytel, A.\***, Tałanda, M., **Czepiński, Ł.**, Pawlak, W., **Szczygielski, T.**, **Sulej, T.** 2023. *Tanystropheus* hotspot in a new Middle Triassic vertebrate assemblage from Southern Poland. 20th Annual Conference of the European Association of Vertebrate Palaeontologists, 26 czerwca–1.07.2023, Barcelona, Hiszpania. Palaeovertebrata Special Volume 1-23: 231. [poster]

Sachs, S., Eggmaier, S., **Madzia, D**. 2023. A new ‘transitional’ plesiosaur from the uppermost Lower Jurassic of Germany: p. 232. In: Alba DM, Marigó J, Nacarino-Meneses C, Villa A. (eds). Book of Abstracts of the 20th Annual Conference of the European Association of Vertebrate Palaeontologists, 26th June – 1st July 2023. Palaeovertebrata, Special Volume 1-23. DOI: 10.18563/pv.eavp2023 [poster]

**Słowiak-Morkovina, J.**, Brusatte, S., **Szczygielski, T.** 2023. *Bagaraatan*, Osmólska’s unusual theropod dinosaur from the Nemegt Formation of Mongolia provides new data on the early ontogeny of tyrannosaurids. Society of Vertebrate Paleontology, 83rd Annual Meeting, 18–21.10. 2023, Cincinnati, USA. Program Guide: 399. [referat]

**Stolarski, J**., Montagna, P., Douville, E., Mazur, M., Bosellini, F.R. 2023. Evolutionary potential of scleractinian corals to buffer ocean acidification: Cenozoic fossil record perspective. 14th Symposium of the International Fossil Coral and Reef Society (IFCRS). Poland, 10-16 September 2023, p. 87. [referat]

**Stolarski, J**., Cisneros-Lazaro, D., Otter, L.M., Meibom, A. 2023. Biological control over CaCO3 polymorphism and the evolution of biomineralization: Insights from the bi-mineralic skeleton of *Paraconotrochus antarcticus* scleractinian coral. 14th Symposium of the International Fossil Coral and Reef Society (IFCRS). Poland, 10-16 September 2023, p. 88. [referat]

**Stolarski, J**. 2023. The future is a door, the past is the key: The mission of the Institute of Paleobiology, Polish Academy of Sciences (IPAL PAS). New Opening – Polish-Vietnamese Scientific Conference (Vietnam, Hanoi, November 6-15, 2023). [referat]

**Stolarski, J.**, **Gorzelak, P.** 2023. Prospects for the study of present-day and fossil coral reefs in Vietnam. Discussion Panel: Polish-Vietnamese Tropical Research Centre. POL-VIET 2023, 7th International Conference POL-VIET, Scientific and research cooperation between Vietnam and Poland. AGH, Kraków. [referat]

**Stolarski, J**., **Gorzelak, P**. 2023. Strengthening Vietnam's coral reef conservation strategy: perspectives of multi-approach collaboration. New Opening – Polish-Vietnamese Scientific Conference (Vietnam, Hanoi, November 6-15, 2023). [referat]

Teschner, E., **Dróżdż, D**.\*, Desojo, J., Tałanda, M., Antczak, M., Fernandez, V., **Sulej, T.** 2023. Synchrotron-based palaeohistology of a small aetosaur from the Upper Triassic Woźniki locality (southern Poland) – growth plasticity or ontogenetic variation? The 13th International Congress of Vertebrate Morphology 28.07-01.08.2023, Cairns, Australia [referat]

Weryński Ł., **Błażejowski B.**, KuglerS.2023. Late Jurassic teeth of plesiosaurian origin from the Owadów-Brzezinki Lägerstatte, Central Poland. In: Wierzbowski H., Wierzbowski A., Błażejowski B. (Eds.), Jurassica XII Conference in Iłża, Poland, Field trip guide and abstracts, 75. [poster]

Weryński Ł., **Błażejowski B.**, Szczygielski T., Kajdas B. 2023. Articulated fossil of *Stenopterygius* (Ichthyosauria) from the historical collection of the Jagiellonian University – an unusual story of preservation. In: Wierzbowski H., Wierzbowski A., Błażejowski B. (Eds.), Jurassica XII Conference in Iłża, Poland, Field trip guide and abstracts, 75–77. [referat]

Wierzbowski A., Krzyżak E., Fąfara M., Wierzbowski H., **Błażejowski B.**, Grabowski J.2023. New data on biostratigraphy, microfacies and geochemistry of shallow-marine carbonate deposits from the vicinity of Iłża and Wierzbica (NE margin of the Holy Cross Mts, central Poland). In: Wierzbowski H., Wierzbowski A., Błażejowski B. (Eds.), Jurassica XII Conference in Iłża, Poland, Field trip guide and abstracts, 78–79. [referat]

Wierzbowski, A., **Stolarski, J**. 2023. Coral colonization of the cyanobacteria-sponge bioherms, Late Jurassic, Julianka quarry, Poland. In: J. Stolarski and A.M. Gothmann (eds.), 14th Symposium of the International Fossil Coral and Reef Society (IFCRS). Poland, 10-16 September 2023. Conference Book, 29–33. Institute of Paleobiology PAN, Warsaw. [referat]

**Wolniewicz, A. S.#**, Shen, Y., Li, Q., Sun, Y., Qiao, Y., Chen, Y., Hu, Y., Liu, J. 2023. The origins and early evolution of Sauropterygia. 2nd Asian Palaeontological Congress, 3–7.08, Tokio, Japonia. [referat]

**Wolniewicz, A. S.#**, Shen, Y., Li, Q., Sun, Y., Qiao, Y., Chen, Y., Hu, Y., Liu, J. 2023. The origins and early evolution of Sauropterygia. The 4th International Symposium on Triassic and Later Marine Vertebrate Faunas, 15–19.09, Varenna, Włochy. [referat]

**Wolniewicz, A. S.#**, Shen, Y., Li, Q., Sun, Y., Qiao, Y., Chen, Y., Hu, Y., Liu, J. 2023. The origins and early evolution of Sauropterygia. Palaeontological Society of China 31st Annual Meeting, 24–27.11, Nankin, Chiny. [referat]

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