

LITERATURA

- ALBANI R., BAGNOLI G., BERNARDEZ E., GUTIERREZ-MARCO J.C., RIBECAI C., 2006 — Late Cambrian acritarchs from the “tunel Ordovicico del Fabar”, Cantabrian Zone, N. Spain., *Rev. Palaeobot. Palynol.*, **139**, 1–4: 41–52.
- ARMSTRONG H.A., COE A.L., 1997 — Deep-sea sediments record the geophysiology of the late Ordovician glaciation. *J. Geol. Soc.*, **154**: 929–934.
- BAGNOLI G., STOUGE S., TONGIORGI M., 1988 — Acritarchs and conodonts from the Cambro-Ordovician Furuhall (Koping-sklint) section (Oland, Sweden). *Rivista Italiana di Paleontologia e Stratigrafia*, **94**, 2: 163–248.
- BEDNARCZYK W., 1971 — Stratigraphy and paleogeography of the Ordovician in the Holy Cross Mountains. *Acta Geol. Pol.*, **21**: 574–616.
- BEDNARCZYK W., 1981 — Stratygrafia ordowiku Górz Świętokrzyskich. Przewodnik 53 Zjazdu PTG – Kielce: 35–41.
- BELKA Z., AHRENDT H., FRANKE W., SCHÄFER J., WEMMER K., 2000 — The Baltica-Gondwana suture in central Europe: evidence from K/Ar ages of detrital muscovites. *W: Orogenic Processes: Quantification and Modelling in the Variscan Belt of Central Europe* (red. W. Franke i in.). *Geol. Soc., Spec. Publ.*, **179**: 87–101.
- BIERNAT G., TOMCZYKOWA E., 1968 — On the Upper Cambrian *Lingulella Salter* (Brachiopoda) from the Holy Cross Mountains Poland. *Acta Palaeont. Pol.*, **13**, 2: 161–177.
- BRENCHLEY P.J., 2004 — End Ordovician Glaciation. *W: The Great Ordovician Biodiversification Event* (red. B.D. Webby i in.), Columbia University Press, New York: 81–83.
- BROMLEY R.G., 1996 — Trace fossils: biology, taphonomy and applications. Second edition. Chapman & Hall.
- BROMLEY R.G., EKDALE A.A., 1984 — *Chondrites*: A trace fossil indicator of anoxia in sediments. *Science*, **224**: 872–874.
- BROMLEY R.G., EKDALE A.A., RICHTER B., 2000 — New *Taenidium* (trace fossil) in the Upper Cretaceous chalk of northwestern Europe. *Geol. Soc. Denmark, Bulletin*, **46**: 47–51.
- CASAS J.M., PALACIOS T., 2012 — First biostratigraphical constraints on the pre-Upper Ordovician sequences of the Pyrenees based on organic-walled microfossils. *Comptes Rendus Geoscience*, **344**: 50–56.
- CHERNS L., WHEELEY J.R., 2007 — A pre-Hirnantian (late Ordovician) interval of global cooling – The Boda event re-assessed. *Palaeogeogr. Palaeoclimatol. Palaeoecol.*, **251**: 449–460.
- COCKS L.R., 2002 — Key Lower Palaeozoic faunas from near the Trans-European Suture Zone. *Geol. Soc., Spec. Publ.*, **201**: 37–46.
- CRAIG R.G., FÖLLMI K.B., RIGGS S.R., BATURIN G.N., GRIMM K.A., TRAPPE J., ABED A., GALLI-OLIVIER C.,
- GARRISON R.E., ILYIN A.V., JEHL C., ROHRLICH V., SADAOAH R.M.Y., SCHIDLOWSKI M., SHELDON R., SIEGMUND H., 1994 — Phosphorous and phosphorites: sedimentology and environments of formation. *Eclogae Geologica Helvetica*, **87**: 747–788.
- CZARNOCKI J., 1950 — Geologia regionu Łysogórskiego w związku z zagadniением złoża rud żelaza w Rudkach. *Pr. Państw. Inst. Geol.*, **1**: 1–404.
- D’ALESSANDRO A., BROMLEY R.G., 1987 — Meniscate trace fossils and the *Muensteria-Taenidium* problem. *Palaeontology*, **30**: 743–763.
- DADLEZ R., KOWALCZEWSKI Z., ZNOSKO J., 1994 — Niektóre kluczowe problemy przedpermnej tektoniki Polski. *Geol. Quart.*, **38**: 169–190.
- DECZKOWSKI Z., TOMCZYK H., 1969 — Starszy paleozoik z otworu Wilków. *Kwart. Geol.*, **13**, 1: 14–26.
- DIAZ-MARTINEZ E., GRAHN Y., 2007 — Early Silurian glaciation along the western margin of Gondwana (Peru, Bolivia and northern Argentyna): Palaeogeographic and geodynamic setting. *Palaeogeogr. Palaeoclimatol. Palaeoecol.*, **245**: 62–81.
- DILL H., 1986 — Metalogenesis of early Palaeozoic graptolite shales from the Graefenthal Horst (northern Bavaria – Federal Republic of Germany). *Econ. Geol.*, **81**: 889–903.
- DILL H., TESCHNER M., WEHNER H., 1988 — Petrography, inorganic and organic geochemistry of Lower Permian carbonaceous fan sequences (“Brandschiefer Series”) – Federal Republic of Germany: constrains to their palaeogeography and assessment of their source rock potential. *Chem. Geol.*, **67**: 307–325.
- DI MILIA A., RIBECAI C., TONGIORGI M., 1989 — Late Cambrian Acritarchs from the Peltura scarabaeoides Trilobite Zone at Degerhamn (Oland, Sweden). *Palaeontograph. Ital.*, **15**: 1–56.
- DI MILIA A., TONGIORGI M., ALBANI R., 1993 — Acritarchs findings in Early Palaeozoic low-grade metasediments of Sardinia (Italy). *Rev. Espan. Paleont.*, **8**, 2: 170–176.
- DOTT R.H., 1964 — Wacke, greywacke and matrix; what approach to immature sandstone classification? *J. Sedim. Petrol.*, **34**: 625–632.
- EKDALE A.A., MASON T.R., 1988 — Characteristic trace-fossil associations in oxygen-poor sedimentary environments. *Geology*, **16**: 720–723.
- EMERSON S.R., HUESTED S.S., 1991 — Ocean anoxia and the concentration of molybdenum and vanadium in seawater. *Marine Chemistry*, **34**: 177–196.
- ENGELHARDT D., WOOD G.D., BARKER G.W., 1992 — AMOCO STANDARD Thermal Alternation Index – TAI [mat. niepublik.].

- EOFF J.D., 2012 — Global prediction of continuous hydrocarbon accumulations in self-sourced reservoirs. USGS Open-File Report, 1091.
- ERNST T.W., 1970 — Geochemical Facies Analysis. Elsevier.
- FORTEY R.A., COCKS R.L., 2005 — Late Ordovician global warming – The Boda event. *Geology*, **33**: 405–408.
- FÖLLMI K.B., GARRISON R.E., GRIMM K.A., 1991 — Stratification in phosphatic sediments: illustrations from the Neogene of California. *W: Cycles and Events in Stratigraphy* (red. G. Einsele i in.): 492–507. Berlin, Springer-Verlag.
- GLIKSON M., CHAPPEL B.W., FREEMAN R.S., WEBBER E., 1985 — Trace elements in oil shales, their source and organic association with particular reference to Australian deposits. *Chem. Geol.*, **53**: 155–174.
- GÓRECKI W. (red.), 2006 — Atlas zasobów geotermalnych formacji paleozoicznej na Niżu Polskim. AGH, Kraków.
- HATCH J.R., LEVENTHAL J.S., 1992 — Relationship between inferred redox potential of the depositional environment and geochemistry of the Upper Pennsylvanian (Missourian) Stark Shale member of the Dennis Limestone, Wabaunsee County, Kansas, USA. *Chem. Geol.*, **99**: 65–82.
- JACHOWICZ-ZDANOWSKA M., 2011 — Cambrian organic microfossils at the border area of the East- and West-European Platforms (SE Poland and Western Ukraine). *Ann. Soc. Geol. Polon.*, **81**: 241–267.
- JAWOROWSKI K., 1987 — Kanon petrograficzny najczęstszych skał osadowych. *Prz. Geol.*, **35**: 205–209.
- JAWOROWSKI K., SIKORSKA M., 2006 — Lysogóry Unit (central Poland) versus East European Craton – application of sedimentological data from Cambrian siliciclastic association. *Geol. Quart.*, **50**: 77–88.
- JONES B., MANNING D.A.C. 1994 — Comparison of geochemical indices used for the interpretation of palaeoredox conditions in ancient mudstones. *Chem. Geol.*, **111**: 111–129.
- KEIGHLEY D.G., PICKERILL R.K., 1994 — The ichnogenus *Beaconites* and its distinction from *Ancornichnus* and *Taenidium*. *Palaeontology*, **37**: 305–337.
- KIELAN Z., 1959 — Upper Ordovician trilobites from Poland and some related forms from Bohemia and Scandinavia. *Paleontologia Polonica*, **11**: 1–198.
- KOWALCZEWSKI Z., 2000 — Litostratygrafia, paleogeografia, facje i tektonika kambru świętokrzysko-nidziańskiego (zagadnienia podstawowe i stan ich znajomości). WSP Kielce. *Pr. Inst. Geogr.*, **4**: 7–66.
- KOWALCZEWSKI Z., ROMANEK A., STUDENCKI M., 1990 — Mapa geologiczna odkryta paleozoiku Góra Świętokrzyskich. Narod. Arch. Geol., Kielce.
- KOWALCZEWSKI Z., ŹYLIŃSKA A., SZCZEPANIK Z., 2006 — Kambr w Górah Świętokrzyskich. *W: Procesy i zdarzenia w historii geologicznej Góra Świętokrzyskich*. 77 Zjazd Nauk. Pol. Tow. Geol. Ameliówka k. Kielc, 28–30 czerwca 2006 r.: 14–27.
- KOZŁOWSKI W., 2003 — Age, sedimentary environment and paleogeographical position of the Late Silurian oolitic beds in the Holy Cross Mountains (central Poland). *Acta Geol. Pol.*, **53**: 341–357.
- KOZŁOWSKI W., 2008 — Lithostratigraphy and regional significance of the Nowa Słupia Group (Upper Silurian) of the Lysogóry Region (Holy Cross Mountains, Central Poland). *Acta Geol. Pol.*, **58**: 43–74.
- KOZŁOWSKI W., DOMAŃSKA J., NAWROCKI J., PECSKAY Z., 2004 — The provenance of the Upper Silurian greywackes from the Holy Cross Mountains (Central Poland). *Miner. Soc. Pol. Spec. Pap.*, **24**: 251–254.
- KOZŁOWSKI W., DOMAŃSKA-SIUDA J., NAWROCKI J., 2014 — Geochemistry and petrology of the Upper Silurian greywackes from the Holy Cross Mountains (central Poland): Implications for the Caledonian history of the southern part of the Trans-European Suture Zone (TESZ). *Geol. Quart.*, **58**: 311–336.
- KRAJEWSKI K.P., Van CAPPELLEN P., TRICHET J., KUHN O., LUCAS J., MARTIN-ALGARRA A., PRÉVÔT L., TEWARI V.C., GASPAR L., KNIGHT R.I., LAMBOY M., 1994 — Biological processes and apatite Formation in sedimentary environments. *Eclogae Geol. Helv.*, **87**: 701–745.
- LEHNART O., PEEP M., JOACHIMSKI M.M., CALNER M., FRYDA J., 2010 — Palaeoclimate perturbations before the Sheinwoodian glaciation: a trigger for extinctions during the “Ireviken Event”. *Palaeogeogr., Palaeoclimatol., Palaeoecol.*, **296**: 320–331.
- LEWAN M.D., 1984 — Factors controlling the proportionality of vanadium to nickel in the bitumen of organic sedimentary rocks. *Geochimi. et Cosmochim. Acta*, **48**: 2231–2238.
- LOYDELL D.K., 1998 — Early Silurian sea-level changes. *Geol. Mag.*, **135**: 447–471.
- LOYDELL D.K., FRÝDA J., 2007 — Carbon isotopestratigraphy of the upper Telychian and lower Sheinwoodian (Llandovery–Wenlock, Silurian) of the Banwy River section, Wales. *Geol. Mag.*, **144**: 1015–1019.
- MALEC J., 2000 — Charakterystyka litologiczno-sedymentologiczna osadów syluru w profilu otworu Wilków 1 (region lysogórski Góra Świętokrzyskich). *Posiedz. Nauk. Państw. Inst. Geol.*, **56**, 8: 134–137.
- MALEC J., 2004 — Środowisko sedymentacji osadów kambru w zachodniej części Góra Świętokrzyskich. *Posiedz. Nauk. Państw. Inst. Geol.*, **61**: 53–55.
- MALEC J., 2005 — Litostratygrafia poganicza dewonu dolnego i środkowego w regionie lysogórskim Góra Świętokrzyskich. *Biul. Państw. Inst. Geol.*, **415**: 5–58.
- MALEC J., 2006 — Sylur w Górah Świętokrzyskich. *W: Procesy i zdarzenia w historii geologicznej Góra Świętokrzyskich*. LXX–VII Zjazd Naukowy Polskiego Towarzystwa Geologicznego. Ameliówka k. Kielc, 28–30 czerwca 2006 r., 36–50.
- MALINOWSKI M., ŹELAŹNIEWICZ A., GRAD M., GUTERCHA A., JANIK T., 2005 — Seismic and geological structure of the crust In the transition from Baltica to Palaeozoic Europe in SE Poland – CELEBRETION 2000 experiment, profile CEL02. *Tectonophysics*, **401**: 55–77.
- MARTIN F., 1975 — Acritarches du Cambro-Ordovicien du Massif du Brabant, Belgique. *Bull. Inst. Royal des Sciences, Sc. de la Terre*, **51**, 1: 1–33.
- MARTIN F., 1982 — Some aspects of Late Cambrian and Early Ordovician acritarchs. *W: The Cambrian-Ordovician boundary; sections, fossil distributions, and correlations*. Natl. Mus. Wales Cardiff, United Kingdom, 29–40.

- MARTIN F., DEAN W.T., 1981 — Middle and Upper Cambrian and Lower Ordovician acritarchs from Random Island, eastern Newfoundland. *Geol. Surv. of Canada, Bull.*, **343**: 1–43.
- MARTIN F., DEAN W.T., 1988 — Middle and Upper Cambrian acritarch and trilobite zonation at Manuels River and Random Island, eastern Newfoundland. *Geol. Surv. of Canada, Bull.*, **81**: 1–91.
- MOCZYDŁOWSKA M., STOCKFORS M., 2004 — Acritarchs from the Cambrian–Ordovician boundary interval on Kolguev Island, Arctic Russia. *Palynology*, **28**: 15–73.
- MODLIŃSKI Z., 1982 — Rozwój litofacialny i paleotektoniczny ordowiku na obszarze platformy prekambryjskiej w Polsce. *Pr. Inst. Geol.*, **52**: 1–66.
- NARKIEWICZ M., 2002 — Ordovician through earliest Devonian development of the Holy Cross Mts. (Poland): constraints from subsidence analysis and thermal maturity data. *Geol. Quart.*, **46**: 255–266.
- NAWROCKI J., DUNLAP J., PECSKAY Z., KRZEMIŃSKI L., ŹYLIŃSKA A., FANNING M., KOZŁOWSKI W., SALWA S., SZCZEPANIĆ Z., TRELA W., 2007 — Late Neoproterozoic to Early Palaeozoic palaeogeography of the Holy Cross Mountains (Central Poland): an integrated approach. *J. Geol. Soc.*, **164**: 405–423.
- NIELSEN A.T., 2004 — Ordovician sea level changes: a Balto-scandinavian perspective. *W: The Great Ordovician Biodiversification Event* (red. B.D. Webby i in.): 84–93. Columbia University Press, New York.
- O'BRIEN N.R., 1996 — Shale lamination and sedimentary processes. *W: Palaeoclimatology and Palaeoceanography from laminated sediments* (red. A.E.S. Kemp). *Geol. Soc., Sp. Publ.*, **116**: 23–36.
- ORŁOWSKI S., 1975 — Jednostki lithostratigraficzne kambru i górnego prekambru Gór Świętokrzyskich. *Acta Geol. Pol.*, **25**: 431–448.
- PAALITS I., 1992 — Upper Cambrian acritarchs from boring core M-72 of North Estonia. *Eesti NSV Teaduste Akadeemia Toimised, Geoloogia / Izvestiya Akademii Nauk Estonской SSR, Geologiya*, **41**, 1: 29–37.
- PAALITS I., 1995 — Acritarchs from the Cambrian-Ordovician boundary beds at Tonismagi, Tallinn, North Estonia. *Proc. Estonian Acad. Sc., Geol.*, **44**, 2: 87–96.
- PAALITS I., HEUSE T., 1998 — Late Cambrian and Early Ordovician organic walled microfossils from well Danilov-7 (Moscow Syneclyse, East European Platform), CIMP Symposium and Workshops, Pisa, CIMP Newsletter, **55**, 18.
- PAGE A.A., ZALASIEWICZ J.A., WILLIAMS M., POPOV L.E., 2007 — Were transgressive black shales a negative feedback modulating glacioeustasy in the Early Palaeozoic Icehouse? *W: Deep-Time Perspective on Climate Change: Marrying the Signal from Computer Models and Biological Proxies* (red. M. Williams i in.). *The Micropalaeontol. Soc., Sp. Publ. The Geol. Soc., London*, 123–156.
- PARSONS M.G., ANDERSON M.M., 2000 — Acritarch microfunal succession from the Late Cambrian and Ordovician (early Tremadoc) of Random Island, eastern Newfoundland, and its comparison to coeval microfloras, particularly those of the East. *Amer. Assoc. Stratigr. Palynol., Contributions Series*, **38**: 1–123.
- PETTIJOHN F.J., POTTER P.E., SIEVER R., 1973 — Sand and sandstone. Springer-Verlag.
- POPE M., READ J.F., 1998 — Ordovician metre-scale cycles: implication for climate and eustatic fluctuations in the central Appalachians during a global greenhouse, non-glacial to glacial transition. *Palaeogeogr., Palaeoclimatol., Palaeoecol.*, **138**, 27–42.
- POPRAWA P., 2006 — Rozwój kaledońskiej strefy kolizji wzduż zachodniej krawędzi Baltiki oraz jej relacje do basenu przedpolu. *Pr. Państw. Inst. Geol.*, **186**: 189–214.
- POREBSKA E., 2002 — Paleobiogeografia masywu małopolskiego i Łysogór w środkowym sylurze na podstawie badań graptolitów. *Prz. Geol.*, **50**: 1220–1221.
- POREBSKI J.S., PRUGAR W., ZACHARSKI J., 2013 — Łupki sylurskie platformy wschodnioeuropejskiej w Polsce – wybrane problemy poszukiwawcze. *Prz. Geol.*, **61**: 468–477.
- RAEVSKAYA E., GOLUBKOVA E., 2006 — Biostratigraphical implication of Middle-Upper Cambrian acritarchs from Severnaya Zemlya (high Arctic of Russia). *Rev. Palaeobot. Palynol.*, **139**, 1–4: 53–69.
- REITZ E., WICKERT F., 1989 — Late Cambrian to Early Ordovician acritarchs from the Ville Unit. Northern Vosges Mountains (France). *Neues Jahrb. Geol. Paläont. Monatsh.*, **6**: 375–384.
- RIBECAI C., BAGNOLI G., MAZZARINI F., MUSUMECI G., 2005 — Paleontological evidence for Late Cambrian in the Arburese area, SW Sardinia. *Notebooks of Geology – Memoir*, **2**: 45–50.
- RICKARDS R.B. 1970 — The Llandovery (Silurian) graptolites of the Howgill Fells, Northern England. *Palaeont. Soc.*: 1–108.
- RICKARDS R.B., CHEN X., 2002 — Graptolites. *W: Telychian Rocks of the British Isles and China* (red. C.H. Holland, M.G. Bassett). *Nat. Mus. Wales*: 73–82.
- RÜHLE E., CIUK E., OSIKA R., ZNOSKO J., 1977 — Mapa geologiczna Polski bez utworów czwartorzędowych 1 : 500 000. Wydaw. Geol., Warszawa.
- SAILACHER A., 1990 — Abberations in bivalve evolution related to photo- and chemosymbiosis. *Historical Biology*, **3**: 289–311.
- SALWA S., 2010 — Deformations of Cambrian rocks – part 1 (Tectonics of the Lower Palaeozoic and Permian rocks). Stop 1. Wiśniówka Duża Quarry. 8th Meeting of the Central Tectonics Studies Group (CETeG): 17–21.
- SALWA S., MALEC J., TRELA W., SZCZEPANIĆ Z., KOZŁOWSKI W., ŹYLIŃSKA A., 2006 — Dolny paleozoik Góra Świętokrzyskich – wycieczka W1. *Przewodnik 77 Zjazdu PTG*: 149–173.
- SAVRDA C.E., BOTTJER D.J., 1986 — Trace fossil model for reconstruction of paleooxygenation in bottom waters. *Geology*, **14**, 3–6.
- SAVRDA C.E., BOTTJER D.J., SAILACHER A., 1991 — Redox-related benthic events. *W: Cycles and Events in Stratigraphy* (red. G. Einsele i in.): 524–541, Springer-Verlag, Berlin.
- SERVAIS T., FATKA O., 1996 — The distinction of peri-Gondwana and Baltica by the palaeobiogeographical distribution pattern of Cambro-Ordovician acritarchs., Baltic Stratigraphical Conference. Abstracts, 3th. Conf.: 59–60.
- SCHIEBER J., 1994 — Evidence for episodic high energy events and shallow-water deposition in the Chattanooga Shale, Devonian, central Tennessee, USA. *Sediment. Geol.*, **93**: 193–208.

- SCHIEBER J., 2009 — Discovery of agglutinated benthic foraminifera in Devonian black shales and their relevance for the redox state of ancient seas. *Palaeogeogr., Palaeoclimatol., Palaeoecol.*, **271**: 292–300.
- SCHIEBER J., SOUTHARD J.B., SCHIMMELMANN A., 2010 — Lenticular shale fabrics resulting from intermittent erosion of water-rich muds – interpreting the rock record in the light of recent flume experiments. *J. Sediment. Res.*, **80**: 119–128.
- SOUDRY D., 2000 — Microbial phosphate sediments. *W: Microbial sediments* (red. R.E. Riding, S.M. Awramik), Springer: 127–136.
- SZCZEPANIK Z., 2007 — Regionalny gradient paleotermiczny w zapisie palinologicznym starszego paleozoiku i dewonu Górz Świętokrzyskich. Konferencja Naukowa Paleobiologów i Biostratygrafów PTG, XX konf., Św. Katarzyna – mat. konf. 129–132.
- SZCZEPANIK Z., 2009 — Biostratygrafia akritarchowa kambru świętokrzyskiego – raport wstępny. *W: Znane fakty – nowe interpretacje w geologii i geomorfologii Górz Świętokrzyskich* (red. M. Ludwikowska-Kędzia, M. Wiatrak): 21–38, Kielce.
- SZCZEPANIK Z., 2012 — Biostratygrafia akritarchowa kambru okolic Narola. Drugi Polski Kongres Geologiczny, Warszawa 17–19 września 2011. Abstrakty, PTG, 85.
- SZCZEPANIK Z., TRELA W., SALWA S., 2004 — Kambr górny we wschodniej części regionu kieleckiego Górz Świętokrzyskich – komunikat wstępny. *Prz. Geol.*, **52**, 9: 895–898.
- SZCZEPANIK P., WITKOWSKA M., SAWŁOWICZ Z., 2007 — Geochemistry of Middle Jurassic mudstones (Kraków–Częstochowa area, southern Poland): interpretation of the depositional redox conditions. *Geol. Quart.*, **51**: 57–66.
- SZEWCZYK J., GIENTKA D., 2009 — Terrestrial heat flow density in Poland – a new approach. *Geol. Quart.*, **53**, 1: 125–140.
- SZULCZEWSKI M., 2006 — Ewolucja środowisk depozycyjnych w dewonie świętokrzyskim i jej uwarunkowania. Przewodnik 77 Zjazdu PTG, 56–62.
- TEMPLE J.T., 1965 — Upper Ordovician brachiopods from Poland and Britain. *Acta Paleont. Pol.*, **10**: 379–450.
- TOMCZYK H., 1962 — Problem stratygrafii ordowiku i syluru w Polsce w świetle ostatnich badań. *Pr. Inst. Geol.*, **35**: 1–134.
- TOMCZYKOWA E., 1968 — Stratygrafia osadów najwyższego kambru w Górzach Świętokrzyskich. *Pr. Inst. Geol.*, **54**: 1–85.
- TOMCZYKOWA E., TOMCZYK H., 1981 — Rozwój badań syluru i najniższego dewonu w Górzach Świętokrzyskich. *W: Przewodnik 53 Zjazdu PTG*, Kielce, 6–8 września 1981: 42–57.
- TOMCZYKOWA E., TOMCZYK H., 2000 — Starszy paleozoik z otworu Daromin IG-1 – potwierdzenie budowy terranowej bloku łysogórskiego i małopolskiego (Góry Świętokrzyskie). *Biul. Państw. Inst. Geol.*, **393**: 167–203.
- TONGIORGI M., Di MILIA A., STOUGE S., BAGNOLI G., 1988 — Acritharchs from the Upper Cambrian-Lower Tremadocian section of Degerham Road at Oeland, Sweden., International Palynological Congress, 7th Congress, Brisbane, Australia, 164.
- TRELA W., 2006 — Litostratygrafia ordowiku w Górzach Świętokrzyskich. *Prz. Geol.*, **54**: 622–631.
- TRELA W., 2007 — Upper Ordovician mudrock facies and trace fossils in the northern Holy Cross Mountains, Poland, and their relation to oxygen- and sea-level dynamics. *Palaeogeogr., Palaeoclimatol., Palaeoecol.*, **246**: 488–501.
- TRELA W., 2008a — Sedimentary and diagenetic environments of Middle Ordovician iron-rich limestones (Pobroszyn Formation) in the northern Holy Cross Mountains, Poland. *Geol. Quart.*, **52**: 199–212.
- TRELA W., 2008b — Sedimentary and microbial record of the Middle/Late Ordovician phosphogenetic episode in the northern Holy Cross Mountains, Poland. *Sediment. Geol.*, **203**: 131–142.
- TRELA W., 2009 — Ewolucja środowisk depozycyjnych ordowiku łysogórskiego w Górzach Świętokrzyskich na tle krzywej eustatycznej Bałtyki. *Prz. Geol.*, **57**, 10: 900–904.
- TRELA W., SZCZEPANIK Z., 2009 — Litologia i zespół akritarchowy formacji z Zalesia w Górzach Świętokrzyskich na tle zmian poziomu morza i paleogeografii późnego ordowiku. *Prz. Geol.*, **57**: 147–157.
- TROTTER J.A., WILLIAMS I.S., BARNES C.R., LECYER C., NICOLL R.S., 2008 — Did cooling oceans triggere Ordovician biodiversificatio? Evidence from conodont thermometry. *Science*, **321**: 550–554.
- TYSON R.V., PEARSON T.H., 1991 — Modern and ancient continental shelf anoxia: an overview. *W: Modern and Ancient Continental Shelf Anoxia* (red. R.V. Tyson, T.H. Pearson), *Geol. Soc., London, Sp. Publ.*, **58**: 1–24.
- VANGUESTAINE M., 1968 — Les acritarches du sondage de Grand Halleux (note préliminaire). *Ann. Soc. Geol. Belg.*, **91**, 3: 361–373.
- VANGUESTAINE M., 1974 — Espèces zonales d'Acritharchs du Cambro – Tremadocien de Belgique et de l'Ardenne Francaise. *Rev. Palaeobot. Palynol.*, **18**, 1/2: 63–82.
- VANGUESTAINE M., 1992 — Biostratigraphie par acritarches du Cambro-Ordovicien de Belgique et des régions limitrophes; synthese et perspectives d'avenir. *Ann. Soc. Geol. Belg.*, **115**, 1: 1–18.
- VANGUESTAINE M., LEONARD R., 2005 — New biostratigraphic and chronostratigraphic data from the Sautou Formation and adjacent strata (Cambrian, Givonne Inlier, Revin Group, Northern France) and some lithostratigraphic and tectonic implications. *Geol. Belgica*, **8**, 4: 131–144.
- VOLKOVA N.A., 1990 — The Middle and Upper Cambrian acritarchs in the East European Platform. Wyd. Nauka, Moskwa.
- VOLKOVA N.A., 1993 — Akritarkhi pogranichnykh otlozheniy kembriya i ordovika priglintovoy polosy Estonii (skvazhina M-56). *Proc. Estonian Acad. Sc., Geol.*, **42**, 1: 15–22.
- VOLKOVA N.A., 1995 — Akritarkhi pogranichnykh otlozheniy kembriya-ordovika Baltiyskoy fitoplanktonnoy provintsii. *Strat. Geol. Correlation (Russian)*, **3**, 4: 31–43.
- VOLKOVA N.A., 1996 — Kompleksy akritarkh kembriya moskovskoy sneklizy. *Byull. Moskovskogo Obshchestva Ispytateley Prirody*, **71**, 6: 51–57.
- VOLKOVA N.A., 1997 — Paleogeography of phytoplankton at the Cambrian–Ordovician boundary. *Paleontologicheskiy Zhurnal*, **31**, 2: 13–19.
- VOLKOVA N.A., 1999 — Akritarkhi verkhney chasti verkhnego kembriya – nizhnego tremadoka Moskovskoy sineklizy. *Strat. Geol. Correlation (Russian)*, **7**, 5: 43–55.
- VOLKOVA N.A., GOLUB I.N., 1985 — New Upper Cambrian acritarchs from the Leningrad Oblast (Ladoga Formation). *Palaeontol. J.*, **19**, 4: 90–98.
- WELSCH M., 1986 — Die Acrithachen der höheren Digermul-Gruppe, Mittelkambrium bis Tremadoc, Ost-Finnmark, Nord-

- Norwegen. *Palaeontographica. Abteilung B: Palaeophytologie*, **201**, 1–4: 1–109.
- WHITE D.E., PALACIOS T., JENSEN S., BARR S.M., 2012 — Cambrian-Ordovician acritarchs in the Meguma terrane, Nova Scotia, Canada: Resolution of early Paleozoic stratigraphy and implications for paleogeography. *Geol. Soc. America, Bull.*, **124**, 11/12: 1773–1792.
- WIGNALL P.B., MAYNARD J.R., 1993 — The sequence stratigraphy of transgressive black shales. *AAPG Studies in Geology*, **37**: 35–47.
- WIGNALL P.B., NEWTON R., 1998 — Pyrite framboid diameter as a measure of oxygen deficiency in ancient mudrocks. *American J. Sc.*, **298**: 537–552.
- WILKIN R.T., BARNES H.L., BRANTLEY S.L., 1996 — The size distribution of frambooidal pyrite in modern sediments: an indicator of redox conditions. *Geochim et Cosmochim. Acta*, **60**: 3897–3912.
- WOŹNIAK E., 1989 — Utwory syluru w otworze Wilków 1. *Kwart. Geol.*, **33**, 2: 371–373.
- ZHANG T., TRELA W., JIANG S.-Y., NIELSEN J.K., SHEN Y., 2011 — Major oceanic redox condition change correlated with the rebound of marine animal diversity during the Late Ordovician. *Geology*, **39**: 675–678.
- ZNOSKO J., 1996 — Tectonic style of the Early Paleozoic sequences in the Holy Cross Mountains. *Kwar. Geol.*, **1**: 1–22.
- ŽELAŽNIEWICZ A., ALEKSANDROWSKI P., BUŁA Z., KONON A., OSZCZYPKO N., ŚLĄCZKA A., ŽABA J., ŽYTKO K., 2011 — Regionalizacja tektoniczna Polski. Komitet Nauk Geologicznych PAN. Wrocław.
- ŻYLIŃSKA A. 2001 — Late Cambrian trilobites from the Holy Cross Mountains. *Acta Geol. Pol.*, **51**, 4: 333–383.
- ŻYLIŃSKA A., 2002 — Stratigraphic and biogeographic signature of Late Cambrian trilobites from Łysogóry (Holy Cross Mountains, central Poland). *Acta Geol. Pol.*, **52**: 217–238.
- ŻYLIŃSKA A., SZCZEPAŃK Z., 2002 — Korelacja pomiędzy poziomami akritarchowymi i trylobitowymi w górnym kambrze Górz Świętokrzyskich – wstępne dane. *Prz. Geol.*, **12**: 1228–1229.