

dle Cambrian, which determined the succession of benthic assemblages and ichnoassemblages. Newly, the outlasting of dense in-faunal population to the final phase of the marine cycle, and the factual absence of bioturbation in most of the lower part of the Jince Formation have been shown.

References

- ALPERT, S.P. (1974): Systematic review of the genus *Skolithos*. – *J. Paleont.*, 48, 661–669. Tulsa.
- (1975): *Planolites* and *Skolithos* from the Upper Precambrian–Lower Cambrian White-Inyo Mountains, California. – *J. Paleont.*, 49, 508–521. Tulsa.
- BALDWIN, C. T. (1977): The stratigraphy and facies associations of trace fossils in some Cambrian and Ordovician rocks of north western Spain. In: CRIMES, T. P. - HARPER, J. C. (Eds.): Trace fossils 2. – *Geol. J., Spec. Issue*, 3, 9–40. Liverpool.
- BARRANDE, J. (1852): Systême silurien du centre de la Bohême. Vol. I. Trilobites. – Praha.
- BENTON, M. J. (1982): Trace fossils from Lower Palaeozoic ocean-floor sediments of the Southern Uplands of Scotland. – *Transactions of the Royal Society of Edinburgh: Earth Sciences*, 73, 67–87. Edinburgh.
- BJERSTEDT, T. W. (1988): Trace fossils from the Early Mississippian Price delta, southeast West Virginia. – *J. Paleont.*, 62, 506–519. Tulsa.
- BJERSTEDT, T. W. - ERICKSON, J. M. (1989): Trace fossils and bioturbation in peritidal facies of the Potsdam-Theresa Formations (Cambrian–Ordovician), Northwest Adirondacks. – *Palaios*, 4, 204–224. Tulsa.
- BOTTIER, D. J. - DROSER, M. L. (1991): Ichnofabric and basin analysis. – *Palaios*, 6, 189–195. Tulsa.
- BOTTIER, D. J. - SHEEHAN, P. M. - MILLER, M. F. - BYERS, C. W. - HICKS, D. O. (1984): Thalassinoides in the Paleozoic. – *Geol. Soc. Amer. Abstracts with Programs*, 16, p. 451. New York.
- BROMLEY, R. G. - FREY, R. W. (1974): Redescription of the trace fossil *Gyrolithes* and taxonomic evaluation of *Thalassinoides*, *Ophiomorpha* and *Spongeliomorpha*. – *Geol. Soc. Denmark Bull.*, 23, 311–335. Copenhagen.
- BRIGGS, D. E. G. - ROLFE, W. D. I. - BRANNAN, J. (1979): A giant myriapod trail from the Namurian of Arran, Scotland. – *Palaeontology*, 22, 273–291. London.
- CHLUPÁČ, I. (1987): Ordovician ichnofossils in the metamorphic mantle of the Central Bohemian Pluton. – *Čas. Mineral. Geol.*, 32, 3, 249–260. Praha.
- (1993): Geology of the Barrandian. A field trip guide. – *Senckenberg-Buch* 69. Waldemar Kramer. Frankfurt am Main.
- (1995): Lower Cambrian arthropods from the Paseky Shale (Barrandian area, Czech Republic). – *J. Czech Geol. Soc.*, 40, 4, 9–36. Praha.
- CHLUPÁČ, I. - HAVLÍČEK, V. (1965): *Kodymirus vagans*, a new aglaspid merostome of the Cambrian of Bohemia. – *Sbor. geol. Věd, Paleont.*, 6, 7–20. Praha.
- CHLUPÁČ, I. - KRAFT, J. - KRAFT, P. (1995): Geology of fossil sites with the oldest Bohemian fauna (Lower Cambrian, Barrandian area). – *J. Czech Geol. Soc.*, 40, 4, 1–8. Praha.
- CHLUPÁČ, I. - MIKULÁŠ, R. (1995): *Amanitichnus omittus* gen. et isp. nov. from the Middle Cambrian, Barrandian area, Czech Republic. – *Ichnos*, 3, 273–279.
- CRIMES, T. P. (1975): The production and preservation of trilobite resting and furrowing traces. – *Lethaia*, 8, 35–48. Oslo.
- (1987): Trace fossils and correlation of late Precambrian and early Cambrian strata. – *Geol. Mag.*, 124, 2, 97–119. London.
- CRIMES, T. P. - LEGG, I. - MARCOS, A. - ARBOLEYA, M. (1977): ?Late Precambrian–low Lower Cambrian trace fossils from Spain. In: CRIMES, T. P. - HARPER, J. C. (eds.): Trace fossils 2. – *Geol. J., spec. issue* 3, 91–138. Liverpool.
- CRIMES, T. P. - MARCOS, A. (1976): Trilobite traces and the age of the lowest part of the Ordovician reference section for NW Spain. – *Geol. Mag.*, 113, 349–356. London.
- D'ALESSANDRO, A. - BROMLEY, R. G. (1987): Meniscate trace fossils and the *Muensteria-Taenidium* problem. – *Palaeontology*, 30, 4, 734–767. London.
- DROSER, M. L. - BOTTIER, D. J. (1986): A semiquantitative field classification of ichnofabric. – *J. Sed. Petrology*, 56, 558–559.
- (1988a): Trends in extent and depth of Early Paleozoic bioturbation in the Great Basin (California, Nevada, and Utah). In: WEIDE, D. L. and FABER, M. L. (eds.): This Extended Land, Geological Journeys in the Southern Basin and Range. – *Geol. Soc. Amer., Cordilleran Section, Field Trip Guidebook*, 330 p.
- (1988b): Trends in depth and extent of bioturbation in Cambrian carbonate marine environments, Western United States. – *Geology*, 16, 233–236.
- (1989): Ordovician increase in extent and depth of bioturbation: implications for understanding early Paleozoic escape utilization. – *Geology*, 17, 850–852.
- FATKA, O. (1987): Biostratigrafie jineckého souvrství. – MS Geofond. Praha.
- FATKA, O. - KONZALOVÁ, M. (1995): Microfossils of the Paseky Shales (Lower Cambrian, Czech Republic). – *J. Czech Geol. Soc.*, 40, 4, 55–66. Praha.
- FATKA, O. - KORDULE, V. (1992): New fossil sites in the Jince Formation (Middle Cambrian, central Bohemia). – *Věst. Ústř. Úst. geol.*, 67, 47–60. Praha.
- FATKA, O. - MERGL, M. - ŠARIČ, R. - KORDULE, V. (1992): Early Middle Cambrian fauna in Central Bohemia. – *Věst. Ústř. Úst. geol.*, 67, 85–95. Praha.
- FILLION, D. - PICKERILL, R. K. (1990): Ichnology of the Upper Cambrian to Lower Ordovician Bell Islands and Wabana groups of eastern Newfoundland, Canada. – *Palaeontographica canad.*, 7, 119 p. Ottawa.
- FREY, R. W. - BROMLEY, R. G. (1985): Ichnology of American chalks: the Selma Group (Upper Cretaceous), western Alabama. – *Can. J. Earth Sci.*, 22, 801–828. Ottawa.
- FREY, R. W. - HOWARD, J. D.: (1982): Trace fossils from the Upper Cretaceous of the Western Interior: Potential criteria for facies models. – *The Mountain Geologist*, 19, 1, 1–10.
- (1985): Trace fossils from the Panther Member, Star Point Formation (Upper Cretaceous), Coal Creek Canyon, Utah. – *J. Paleont.*, 59, 370–404. Tulsa.
- (1990): Trace fossils and depositional sequences in a clastic shelf setting, Upper Cretaceous of Utah. – *J. Paleont.*, 65, 4, 803–820. Tulsa.
- FREY, R. W. - PEMBERTON, S. G. (1984): Trace fossils facies models. In: WALKER, B. G. (ed.): Facies models. – *Geoscience Canada*, 189–207.
- FRITSCH, A. (1908): *Problematica Silurica*. – In: Systême Silurien du Centre de la Bohême, 1–28. Praha.
- FU, S. (1991): Funktion, Verhalten und Einteilung fucoider und lophocenoider Lebensspuren. – *Institut Senckenberg. Courier Forschung*, 135, 1–79.
- FÜRSICH, F. T. (1974): Ichnogenus *Rhizocorallium*. – *Paläont. Z.*, 48, 1/2, 16–28. Stuttgart.
- GÁMEZ-VINTANED, J. A. (1995): Los materiales prehercynicos de la Sierra del Moncayo (Cadena Ibérica Oriental, España) y su contenido paleoicnológico. (The pre-hercynian rocks of the Sierra del Moncayo (Eastern Iberian Chain, Spain) and their palaeoichnology). – *Bol. R. Esp. Hist. Nat., (Sec. Geol.)*, 90 (1–4), 21–50. Madrid.
- HAKES, W. G. (1976): Trace fossils and depositional environment of four clastic units, Upper Pennsylvanian megacyclothems, northeast Kansas. – *Univ. Kansas Paleont. Contrib.*, 63, 1–46.
- HAN, Y. - PICKERILL, R. K. (1994): *Phycodes templus* isp. nov. from

- the Lower Devonian of northwestern New Brunswick, eastern Canada. – *Atlantic Geology*, 30, 37–46. Fredericton.
- (1995): Taxonomic review of the ichnogenus *Helminthopsis* Heer 1877 with a statistical analysis of selected ichnospecies. – *Ichnos*, 4, 83–118.
- HÄNTZSCHEL, W. (1934): Schraubenformige und spiralige Grabgänge in turonen Sandsteinen des Zittauer Gebirges. – *Senckenbergiana*, 16, 313–324.
- (1962): Trace fossils and problematica. In: MOORE, R. C. (Ed.): *Treatise on Invertebrate Paleontology*, part W (Miscellanea). – Univ. Kansas & Geol. Soc. Amer. Press, 177–245. New York.
- (1975): Trace fossils and problematica. In: TEICHERT, C. (Ed.): *Treatise on Invertebrate Paleontology*, Part W (Miscellanea), suppl. 1. – Univ. Kansas & Geol. Soc. Amer. Press. Lawrence.
- HAVLÍČEK, V. (1971): Stratigraphy of the Cambrian of Central Bohemia. – *Sbor. geol. Věd, Geol.*, 20, 7–52. Praha.
- (1992): Přibramsko-jinecká pánev. In: CHLUPÁČ, I. et al.: *Paleozoikum Barrandienu (kambrium-devon)*, p. 28–55. – Čes. geol. úst. Praha.
- (1998): Přibram-Jince Basin. In: CHLUPÁČ, I. et al.: *Palaeozoic of the Barrandian (Cambrian to Devonian)*, p. 19–38. – *Czech Geol. Surv. Praha*.
- HAVLÍČEK, V. - ŠNAJDR, M. (1951): Cambrian and Ordovician in the Brdské Hřebený and in the Jince area. (In Czech, English summary.) – *Sbor. Ústř. Úst. geol., Odd. geol.*, 18, 145–276. Praha.
- HISCOTT, R. N. - JAMES, N. P. - PEMBERTON, S. G. (1984): Sedimentology and ichnology of the Lower Cambrian Bradore Formation, coastal Labrador: Fluvial to shallow-marine transgressive sequence. – *Bull. Canad. Petrol. Geology*, 32, 11–26.
- HOWARD, J. D. - FREY, R. W. (1984): Characteristic trace fossils in nearshore to offshore sequences, Upper Cretaceous of east-central Utah. – *Canad. J. Earth Sci.*, 21, 200–219.
- HUNT, A. P. - CHIN, K. - LOCKLEY, M. G. (1994): The palaeobiology of vertebrate coprolites. In: DONOVAN, S. K. (ed.): *The palaeobiology of trace fossils*, 221–241. – J. Wiley & Sons, Chichester.
- KERN, J. P. (1978): Palaeoenvironment of new trace fossils from the Eocene Missin Valley Formation, California. – *J. Paleont.*, 52, 186–194. Tulsa.
- KETTNER, R. (1915): O slepencích žitckých, nejspodnějším horizontu českého kambria. – *Rozpr. Čes. Akad. Vědy Slovesn. Umění, Tř. II*, 24, 34, 1–64. Praha.
- (1923): Kambrium skrejsko-tejřovické a jeho okolí. – *Sbor. St. geol. Úst. Čs. Republ.*, 3, 5–63. Praha.
- KŚIAŹKIEWICZ, M. (1977): Trace fossils in the flysch of the Polish Carpathians. – *Palaeontologia Polonica*, 36, 1–228. Warszawa, Kraków.
- KUKAL, Z. (1971): Sedimentology of Cambrian deposits of the Barrandian area (Central Bohemia). – *Sbor. geol. Věd, Geol.*, 20, 53–100. Praha.
- (1995): The Lower Cambrian Paseky Shale: Sedimentology. – *J. Czech Geol. Soc.*, 40, 4, 67–78. Praha.
- KUŠTA, J. (1887): Über das Vorkommen von silurischen Tierresten in der Třemošnaer Konglomeraten bei Skrej. – *Sitz.-Ber. Kön. Böhm. Gessel. Wiss. Praha*.
- MAPLES, C. G. - SUTTNER, L. J. (1990): Trace fossils and marine-nonmarine cyclicity in the Fontain Formation (Pennsylvanian: Morrowan/Atokan) near Manitou Springs, Colorado. – *J. Paleont.*, 64, 6, 859–880. Tulsa.
- MCCANN, I. - PICKERILL, R. K. (1988): Flysch trace fossils from the Cretaceous Kodiak Formation of Alaska. – *J. Paleont.*, 62, 3, 330–348. Tulsa.
- MERGL, M. - ŠLEHOFEROVÁ, P. (1991): Middle Cambrian inarticulate brachiopods from the Central Bohemia. – *Sbor. geol. Věd, Paleont.*, 31, 67–104. Praha.
- MIKULÁŠ, R. (1992): Trace fossils from the Zahořany Formation (Upper Ordovician, Bohemia). – *Acta Univ. Carol., Geol.*, 1990/3, 307–335. Praha.
- (1994a): Zpráva o výzkumu ichnofosilií ve středočeském kambriu. – *Zpr. geol. Výzk.* 1992, 68–69. Praha.
- (1994b): Trace fossils in the Cambrian of the Barrandian area, Czech Republic. – IGCP Project 351, 1994 Meeting, Morocco, Rabat, Nov. 29–Dec. 7, 1994. Abstracts. 20–21. Rabat.
- (1994c): Trace fossils at the Arenig-Llanvirn boundary (Ordovician, Drahouš locality, Prague Basin, Czech Republic). – *J. Czech Geol. Soc.*, 39, 2–3, 205–207.
- (1995): Trace fossils from the Paseky Shale (Early Cambrian, Czech Republic). – *J. Czech Geol. Soc.*, 40/4, 37–45. Praha. – *J. Czech Geol. Soc.*, 205–212. Praha.
- (1998): Trace fossils from the Letná Formation (Ordovician, Czech Republic). – *Sbor. geol. Věd, Paleont.*, 34, 5–24; I–XXIV.
- MIKULÁŠ, R. - KORDULE, V. (1998): A problematic fossil from the Middle Cambrian of the Barrandian area (Czech Republic). – *J. Czech Geol. Soc.*, 43, 3, 187–190.
- MIKULÁŠ, R. - KORDULE, V. - SZABAD, M. (1996): The ichnofossil *Rejkovicichnus necrofilus* gen. et isp. nov. and body fossils in its filling (Middle Cambrian, Czech Republic). – *Bull. Czech Geol. Surv.*, 71, 2, 121–125. Praha.
- ORLOWSKI, S. (1989): Trace fossils from the Lower Cambrian sequence in the Swietokrzyskie Mountains, Central Poland. – *Acta Paleont. Pol.*, 34, 3, 211–231. Warszawa.
- OSGOOD, R. G. (Jr.) (1970): Trace fossils of the Cincinnati area. – *Palaeontographica amer.*, 6, 41, 281–444. New York.
- PEMBERTON, S. G. (Ed.) (1992): Applications of ichnology to petroleum exploration – a core workshop. – *SEPM Core Workshops*, 17, 1–221.
- PEMBERTON, S. G. - FREY, R. W. (1982): Trace fossil nomenclature and the Planolites-Palaeophycus dilemma. – *J. Paleont.*, 56, 4, 843–881. Tulsa.
- PEMBERTON, S. G. - FREY, R. W. - BROMLEY, R. G. (1988): The ichnotaxonomy of *Conostichus* and other plug-shaped ichnofossils. – *Can. J. Earth Sci.*, 17, 9, 1259–1278. Ottawa.
- PICKERILL, R. K. (1981): Trace fossils in a Lower Paleozoic submarine canyon sequence – the Siegas Formation of northwestern New Brunswick, Canada. – *Maritim. Sed. atlant. Geol.*, 17, 36–58. Ottawa.
- PICKERILL, R. K. - FORBES, W. H. (1979): Ichnology of the Trenton Group in the Quebec City area. – *Can. J. Earth Sci.*, 16, 2022–2039. Ottawa.
- PICKERILL, R. K. - HURST, J. M. - SURLYK, F. (1982): Notes on Lower Palaeozoic flysch trace fossils from Hall Land and Peary Land, North Greenland. – *Grønlands geol. Unders.*, 108, 25–29. 's-Gravenhage.
- PICKERILL, R. K. - PEEL, S. (1990): Trace fossils from the Lower Cambrian Bastion Formation of Eastern Greenland. – *Rapport (Grøn. geol. Unders.)*, 147, 5–43. 's-Gravenhage.
- PICKERILL, R. K. - ROMANO, M. - MELÉNDEZ, B. (1984): Arenig trace fossils from the Salamanca area, western Spain. – *Geol. J.*, 19, 249–269. Liverpool.
- POMPECKI, F. (1896): Die Fauna des Kambriums von Tejřovic und Skrej in Böhmen. – *Jb. K.-Kön. geol. Reichsanst.*, 45, 495–615. Wien.
- POWELL, E. N. (1977): The relationship of the trace fossil *Gyrolithes* (=Xenohelix) to the family Capitellidae (Polychaeta). – *J. Paleont.*, 51, 552–556. Tulsa.
- PROKOP, R. (1960): Zpráva o paleontologicko-stratigrafickém výzkumu v jineckém kambriu (list spec. mapy Beroun – 4052c). – *Zpr. geol. Výzk.* 1959, 41–42. Praha.
- SEILACHER, A. (1955): Spuren und Fazies im Unterkambrium. In *Beiträge zur Kenntnis des Kambrium in der Salt Range (Pakistan)*. – Akademie der Wissenschaft und der Literatur, Mainz, *Abhandlungen der Mathematisch-naturwissenschaftlichen Klasse*, 10, 117–147.
- (1967): Bathymetry of trace fossils. – *Marine Geology*, 5, 413–428.
- (1970): *Cruziana* stratigraphy of “non-fossiliferous” Palaeozoic

- sandstones. In: CRIMES, T. P. - HARPER, J. C. (Eds.): Trace fossils. – Geol. J., Spec. Issue, 3, 447–476. Liverpool.
- SEILACHER, A. - GÁMEZ VINTANED, J. A. (1995): Psammichnites gigas: ichnological expression of the Cambrian explosion. In: CHERCHI, A. (ed.): Sixth Paleobenthos International Symposium, Alghero, 28–30 October 1995, Proceedings, 151–152.
- (1996): Psammichnites gigas: una expresión icnológica de la Explosión Cámbrica. In: PALACIOS, T. and GONZALO, R. (Ed.): XII Jornadas de Paleontología, Comunicaciones, 111–113. Badajoz.
- SHEEHAN, P. M. - SCHIEFFELBEIN, D. R. J. (1984): The trace fossil *Thalassinoides* from the Upper Ordovician of the eastern Great Basin: deep burrowing in the Early Paleozoic. – J. Paleont., 58, 2, 440–447. Tulsa.
- SZMUC, E. J. - OSGOOD, R. G. (Jr.) - MEINKE, D. W. (1976): Lingulichnites, a new trace fossil genus for lingulid brachiopod burrows. – Lethaia, 9, 163–167. Oslo.
- ŠPINAR, Z. (1960): Základy paleontologie bezobratlých. – Academia. Praha.
- ŠNAJDR, M. (1958): Trilobiti českého středního kambria. (In Czech, English summary.) – Rozpr. Ústř. Úst. geol., 24. Praha.
- TAYLOR, A. M. - GOLDRING, R. (1993): Description and analysis of bioturbation and ichnofabric. – Jour. Geol. Soc., 150, 141–148. London.
- VLČEK, V. (1902): O některých problematických zkamenělinách českého kambria a spodního siluru. – Palaeontogr. Bohem., 6. Praha.
- WETZEL, A. - BROMLEY, R. G. (1996): A re-evaluation of ichnogenus *Helminthopsis* Heer 1877 – new look at the type material. – Palaeontology, 39, 1–19.
- YOCHELSON, E. L. - FEDONKIN, M. A. (1993): Paleobiology of *Climactichnites*, an enigmatic Late Cambrian fossil. – Smithsonian Contr. Paleobiol., 74. Washington.
- YOUNG, F. G. (1972): Early Cambrian and older trace fossils from the southern Cordillera of Canada. – Canad. J. Earth Sci., 9, 1–17. Ottawa.

Explanations of plates

The figured material is housed in the collection of B. Bouček in the Czech Geological Survey, Praha (abbreviation BB, without inventory numbers), in the author's collection in the same institution (abbreviation RM + Inv. No.), in the collection of V. Kordule in the same institution (abbreviation XA, without Inv. No.), and in the palaeontological collection of the National Museum, Praha (abbreviation L + Inv. No.); in other cases, a detailed explanation is given below. *Photos by B. Bouček (Pls. II–VII), O. Malina (Pl. XV) and by R. Mikuláš (Pl. I; Pls. VIII–XIV, XVI–XXXVI).*

Pl. I

1–3: Examples of rhythmical sedimentation with ripples in the lower part of the Skryje Shale at the Jezírka locality. 1: Block of greywacke and siltstone with ripples and hyporeliefs of *Planolites*, *Didymaulichnus*, and *Skolithos*; x 0.2. Jezírka c) locality. 2: Detail of the previous figure, x 0.6. 3: Rhythmical alternation of siltstones and greywackes at Jezírka a) site. On the right side, tectonically dissected volcanites of the Upper Cambrian appear.

Pl. II

1–3, 5, 6: *Palaeohelminthopsis linearis* igen. et isp. nov.; 1 – x 2.0; quarry at Čilá. 2, 3 – x 1.8; Buchava. 5 – x 3.0; Buchava. 6 – x 2.0; Buchava. 4: *Palaeophycus sulcatus* (MILLER and DYER, 1878); x 2.0; quarry at Čilá. 7: *Planolites beverleyensis* (BILLINGS, 1862); x 4.0; “Skryje” locality.

All the specimens come from the BB collection (see above).

Pl. III

1–6: *Skolithos rotundus* isp. nov.; x 2.0; x 3.0; x 2.0; x 2.0; x 2.5; x 2.0; Rejkovice, right bank of the Litavka Brook. 7: Indeterminable bioturbate texture; x 2.0; “Skryje” locality. 8: *Lockeia silliquaria* JAMES, 1879; x 2.3; Vystrkov – near the Jince cemetery. All the specimens come from the BB collection.

Pl. IV

1: *Diplichnites* isp.; x 2.0; Dlouhá hora at Skryje. 2: *Scolicia* isp.; x 2.5; “Skryje”. 3: *Planolites montanus* RICHTER, 1939; x 2.0; “Skryje”.

All the specimens come from the BB collection.

Pl. V

1: *Helminthopsis* isp. B; x 2.0; “Skryje”. 2–3: *Helminthopsis* isp. A; 2 – x 1.4; 3 – x 2.0; Buchava.

All the specimens come from the BB collection.

Pl. VI

1–2: *Rhizocorallium* isp.; casts made by B. Bouček *in situ*; x 2.0; locality unknown.

Pl. VII

1: Complex bioturbate texture including *Planolites* and ?*Thalassinoides* or *Skolithos*; x 2.0, loc. unknown. 2–3: *Teichichnus rectus* SEILACHER, 1955; 2 – x 1.8; 3 – x 2.0; Buchava.

All the specimens come from the BB collection.

Pl. VIII

1–6: ?*Psammichnites gigas* (TORELL, 1868); 1 – RM 001; x 1.2; 2 – RM 002; x 0.8; 3 – RM 003; x 1.2; 4 – RM 004; x 0.7; 5 – RM 005; x 0.8; 6 – RM 006; x 0.8. All the Vystrkov a) locality.

Pl. IX

1–5: ?*Psammichnites gigas* (TORELL, 1868); 1 – RM 007; x 0.X; 2 – RM 008; x 0.85; 3 – RM 009; x 1.5; 4 – RM 010; x 0.85; 5 – RM 156; x 0.X. All the Vystrkov a) locality.

Pl. X

1–4: ?*Psammichnites gigas* (TORELL, 1868); 1 – RM 011; x 0.85; 2 – RM 012; x 1.4; 3 – RM 013; x 0.80; 4 – RM 015; x 0.60. All the Vystrkov a) locality.

Pl. XI

1–2: *Daedalus* isp.; RM 016 and RM 017; x 1.5; Koníček locality. 3: *Teichichnus multiplex* isp. nov.; RM 018; x 0.80; Koníček. 4, 5: *Teichichnus rectus* SEILACHER, 1955; 4 – RM 019; x 1.0; Koníček. 5 – RM 020; x 0.9; Koníček.

Pl. XII

1–4: “Complex *Teichichnus/Daedalus* feeding structures”; 1 – RM 021; x 1.2; Koníček. 2 – RM 022; x 0.90; Koníček. 3, 4 – RM 023 and RM 024; x 1.0. Vystrkov a). 5 – bioturbate texture composed mostly by *Planolites* isp.; RM 025; x 1.5. 6 – ?*Diplocraterion* isp.; cross-section of a pair of tubes; RM 026; x 2.0; Koníček. 7 – ?*Rusophycus* isp.; RM 027; x 1.5; Koníček. 8 – coprolite; RM 028; x 2.5; Koníček.

Pl. XIII

1: ?*Chondrites* isp.; RM 029; x 2.0; Vystrkov b). 2: *Planolites montanus* RICHTER, 1939; RM 030; x 1.5; Jince – Ovčín b). 3–4: *fodinichnion* igen. et isp. indet; RM 031 and RM 032; x 1.8; Koníček. 5 – *Planolites cf. beverleyensis* (BILLINGS, 1862); XA; x 0.5; Potůček. 6 – *Palaeophycus tubularis* HALL, 1847; RM 033; x 1.8; Koníček.

Pl. XIV

1–8: *Rejkovicichnus necrofitus* MIKULÁŠ, KORDULE and SZABAD 1996; all from the XA collection (see above); 1–4, 7–8: x 1.0; 5 – x 0.6; 6 – x 0.8. Potůček.