

## **Použitá a citovaná literatura**

### **Lagerstätte obecně**

- Allison, P.A., Briggs, D.E.G. 1991. Taphonomy: Releasing the Data Locked in the Fossil Record (Topics in Geobiology). Plenum, New York. 560 str.
- Briggs, D.E.G. Extraordinary Fossils. American Scientist 79, 130–141.
- Butterfield, N.J. 2003. Exceptional Fossil Preservation and the Cambrian Explosion. Integrative and Comparative Biology 43, 166–177.
- Gaines, R.R., Briggs, D.E.G., Yuanlong, Z. 2008. Cambrian Burgess Shale-type deposits share a common mode of fossilization. Geology 36, 755–758.
- Seilacher, A. 1970. Begriff und bedeutung der Fossil-Lagerstätten. Neues Jahrbuch für Geologie und Paläontologie, Abhandlungen 1970, 34–39.
- Seilacher, A., W. E. Reif, and F. Westphal. 1985. Sedimentological, ecological and temporal patterns of Fossil Lagerstätten. Philosophical Transactions of the Royal Society of London B 311, 5–23.

### **Burgesské břidlice**

- Briggs, D.E.G., Erwin, D.H., Collier, F.J. 1994. The fossils of the Burgess Shale. Smithsonian Institution Press, Washington a Londýn. 238 str.
- Briggs, D.E.G. 1985. Modes of life of arthropods from the Burgess Shale, British Columbia. Transactions of the Royal Society of Edinburgh 76, 149–160.
- Caron, J.-B., Gaines, R.R., Aria, C., Mángano, M.G., Streng, M. 2014. A new phyllopod bed-like assemblage from the Burgess Shale of the Canadian Rockies. Nature Communications 5, 3210.
- Caron, J.-B., Gaines, R.R., Mángano, M.G., Streng, M., Daley, A.C. 2010. A new Burgess Shale-type assemblage from the “thin” Stephen Formation of the southern Canadian Rockies. Geology 38, 811–814.
- Caron, J.-B., Jackson, D.A. 2008. Paleoecology of the Greater Phyllopod Bed community, Burgess Shale. Palaeogeography, Palaeoclimatology, Palaeoecology 258, 222–256.
- Caron, J.-B., Moysiuk, J. 2021. A giant nektobenthic radiodont from the Burgess Shale and the significance of hurdiid carapace diversity. Royal Society Open Science 8, 210664.
- Conway Morris, S.C. 1998. The Crucible of Creation: the Burgess Shale and the Rise of Animals. Oxford University Press, Oxford. 242 str.
- Conway Morris, S.C., Caron, J.-B. 2012. *Pikaia gracilens* Walcott, a stem-group chordate from the Middle Cambrian of British Columbia. Biological Reviews 87, 480–512.
- Conway Morris, S.C., Caron, J.-B. 2014. A primitive fish from the Cambrian of North America. Nature 512, 419–422.
- Conway Morris, S.C., Whittington, H.B. 1979. The animals of the Burgess Shale. Scientific American 241, 122–133.

- Conway Morris, S.C., Whittington, H.B. 1985. Fossils of the Burgess Shale, a national treasure in Yoho National Park, British Columbia. Geological Survey of Canada Miscellaenous Report 43, 1–31.
- Daley, A.C., Budd, G.E., Caron, J.-B., Edgecombe, G.D., Collins, D. 2009. The Burgess Shale Anomalocaridid *Hurdia* and Its Significance for Early Euarthropod Evolution. *Science* 323, 1597–1600.
- Daley, A.C., Edgecombe, G.D. 2014. Morphology of *Anomalocaris canadensis* from the Burgess Shale. *Journal of Paleontology* 88, 68–91.
- Gaines, R.R., Hammarlund, E.U., Hou, X., Qi, C., Gabbott, S.E., Zhao, Y., Peng, J., Canfield, D.E. 2012. Mechanism for Burgess Shale-type preservation. *Proceedings of the National Academy of Sciences of the United States of America* 109, 5180–5184.
- Gould, S.J. 1989. *Wonderful Life: The Burgess Shale and the Nature of History*. W. W. Norton & Co., New York. 347 str.
- Moysiuk, J., Caron, J.-B. 2019. A new hurdiid radiodont from the Burgess Shale evinces the exploitation of Cambrian infaunal food sources. *Proceedings of the Royal Society B* 286, 20191079.
- Whittington, H.B., Briggs, D.E.G. 1985. The largest Cambrian animal, *Anomalocaris*, Burgess Shale, British-Columbia. *Philosophical Transactions of the Royal Society of London Series B-Biological Sciences* 309, 569–609.
- Zacaï, A., Vannier, J., Lerosey-Aubril, R. 2016. Reconstructing the diet of a 505-million-year-old arthropod: *Sidneyia inexpectans* from the Burgess Shale fauna. *Arthropod Structure & Development* 45, 200–220.
- Web o burgesských břidlicích – <https://burgess-shale.rom.on.ca/en/index.php>

## Chengjiang

- Cong, P., Ma, X., Hou, X., Edgecombe, G.D., Strausfeld, N.J. 2014. Brain structure resolves the segmental affinity of anomalocaridid appendages. *Nature* 513, 538–542.
- Cong, P., Daley, A.C., Edgecombe, G.D., Hou, X. 2017. The functional head of the Cambrian radiodontan (stem-group Euarthropoda) *Amplectobelua symbrachiata*. *BMC Evolutionary Biology* 17, 208.
- Fu, D., Ortega-Hernández, J., Daley, A.C., Zhang, X., Shu, D. 2018. Anamorphic development and extended parental care in a 520 million-year-old stem-group euarthropod from China. *BMC Evolutionary Biology* 18, 147.
- Gabbott, S.E., Xian-guang, H., Norry, M.J., Siveter, D.J. 2004. Preservation of Early Cambrian animals of the Chengjiang biota. *Geology* 32, 901–904.
- Hou, X., Siveter, D.J., Siveter, D.J., Aldridge, R.J., Cong, P., Gabbott, S.E., Ma, X., Purnell, M.A., Williams, M. 2017. *The Cambrian Fossils of Chengjiang, China – The Flowering of Early Animal Life (Second Edition)*. John Willey & Sons Ltd. Chichester. 316 str.
- Ma, X., Hou, X., Edgecombe, G.D., Strausfeld, N.J. 2012. Complex brain and optic lobes in an early Cambrian arthropod. *Nature* 490, 258–261.
- Saleh, F., Qi, C., Buatois, L.A., Mángano, M.G., Paz, M., Vaucher, R., Zheng, Q., Hou, X., Gabbot, S.E., Ma, X. 2022. The Chengjiang Biota inhabited a deltaic environment. *Nature Communications* 13, 1569.
- Tanaka, G., Hou, X., Ma, X., Edgecombe, G.D., Strausfeld, N.J. Chelicerate neural ground pattern in a Cambrian great appendage arthropod. *Nature* 17, 364–367.

- Vannier, J., Chen, J. 2002. Digestive system and feeding mode in Cambrian naraoiid arthropods. *Lethaia* 35, 107–120.
- Vannier, J., Chen, J. 2005. Early Cambrian Food Chain: New Evidence from Fossil Aggregates in the Maotianshan Shale Biota, SW China. *Palaios* 20, 3–26.
- Vannier, J., Steiner, M., Renvoisé, E., Hu, S.-X., Casanova, J.-P. 2007. Early Cambrian origin of modern food webs: evidence from predator arrow worms. *Proceedings of the Royal Society B* 274, 627–633.
- Zhao, F., Caron, J.-B., Bottjer, D., Hu, S., Yin, Z., Zhu, M. 2014. Diversity and species abundance patterns of the Early Cambrian (Series 2, Stage 3) Chengjiang Biota from China. *Paleobiology* 40, 50–69.

### **Sirius Passet**

- Budd, G. 1993. A Cambrian gilled lobopod from Greenland. *Nature* 354, 709–711.
- Conway Morris, S.C., Peel, J.S., Higgins, A.K., Soper, N.J., Davis, N.C. 1987. A Burgess shale-like fauna from the Lower Cambrian of North Greenland. *Nature* 326, 181–183.
- Harper, D.A.T., Hammarlund, E.U., Topper, T.P., Nielsen, A.T., Rasmussen, J.A., Park, T.Y.S., Smith, M.P. 2019. The Sirius Passet Lagerstätte of North Greenland: a remote window on the Cambrian Explosion. *Journal of the Geological Society* 176, 1023–1037.
- Park, T.Y.S., Kihm, J.H., Woo, J., Park, C., Lee, W.Y., Smith, M.P., Harper, D.A.T., Young, F., Nielsen, A.T., Vinther, J. 2018. Brain and eyes of *Kerygmachela* reveal protocerebral ancestry of the panarthropod head. *Nature Communications* 9, 1019.
- Strang, K.M., Armstrong, H.A., Harper, D.A.T., Trabucho-Alexandre, J.P. 2016. The Sirius Passet Lagerstätte: silica death masking opens the window on the earliest matground community of the Cambrian explosion. *Lethaia* 49, 631–643.
- Vinther, J., Nielsen, C. 2005. The Early Cambrian *Halkieria* is a mollusc. *Zoologica Scripta* 34, 81–89.
- Vinther, J., Stein, M., Longrich, N.R., Harper, D.A.T. 2014. A suspension-feeding anomalocarid from the Early Cambrian. *Nature* 507, 496–499.

### **Pasecké břidlice**

- Fatka, O., Konzalová, M. 1995. Microfossils of the Paseky Shale (Lower Cambrian, Czech Republic). *Journal of the Czech Geological Society* 40, 55–66.
- Fatka, O., Szabad, M. 2014. Cambrian biostratigraphy in the Příbram-Jince Basin (Barrandian area, Czech Republic). *Bulletin of Geosciences* 89, 413–429.
- Fatka, O., Valent, M. 2019. Cambrian hyoliths of the Příbram-Jince Basin (Barrandian area, the Czech Republic): A review of recorded taxa. *Fossil Imprint*, 75, 128–140.
- Chlupáč, I. 1995. Lower Cambrian arthropods from the Paseky Shale (Barrandian area, Czech Republic). *Journal of the Czech Geological Society* 40, 9–36.
- Chlupáč, I., Havlíček, V. 1965. *Kodymirus* n.g., a new aglaspid merostome of the Cambrian of Bohemia. *Sborník geologických věd, Paleontologie* 6, 7–20.
- Chlupáč, I., Kraft, J., Kraft, P. 1995. Geology of fossil sites with the oldest Bohemian fauna (Lower Cambrian, Barrandian area). *Journal of the Czech Geological Society* 40, 1–8.

- Lamsdell, J.C., Stein, M., Selden, P.A. 2013. *Kodymirus* and the case for convergence of raptorial appendages in Cambrian arthropods. *Naturwissenschaften* 100, 811–825.
- Mikuláš, R. 1995. Trace fossils from the Paseky Shale (early Cambrian, Czech Republic). *Journal of the Czech Geological Society* 40, 37–54.
- Kukul, Z. 1995. The Lower Cambrian Paseky Shale: sedimentology. *Journal of the Czech Geological Society* 40, 67–78.

### Orsten

- Castellani, C., Maas, A., Waloszek, D., Haug, J.T. 2011. New pentastomids from the Late Cambrian of Sweden – deeper insight of the ontogeny of fossil tongue worms. *Palaeontographica* 293, 95–145.
- Eriksson, M.E. & Horn, E. 2017. *Agnostus pisiformis* — a half a billion-year old pea-shaped enigma. *Earth-Science Reviews* 173, 65–76.
- Haug, J.T., Castellani, C., Haug, C., Waloszek, D., Maas, A. 2013. A *Marrella*-like arthropod from the Cambrian of Australia: A new link between “Orsten”-type and Burgess Shale assemblages. *Acta Palaeontologica Polonica* 58, 629–639.
- Müller, K.J. 1985. Exceptional preservation in calcareous nodules. *Philosophical Transactions of the Royal Society of London B* 311, 67–73.
- Müller, K.J., Walossek, D. 1985. A remarkable arthropod fauna from the Upper Cambrian “Orsten” of Sweden. *Transactions of the Royal Society of Edinburgh, Earth Sciences* 76, 161–172.
- Müller, K.J., Walossek, D. 1987. Morphology, ontogeny, and life-habit of *Agnostus pisiformis* (Linnaeus, 1757) from the Upper Cambrian of Sweden. *Fossils and Strata* 19, 1–124.
- Walossek, D. 1993. The Upper Cambrian *Rehbachella kinnekullensis* Müller, 1983, and the phylogeny of Branchiopoda and Crustacea. *Fossils and Strata* 32, 1–202.
- Web o Orstenu – <http://www.core-orsten-research.de/>

### Další kambrická lagerstätte

- Fu, D., Tong, G., Dai, T., Liu, W., Yang, Y., Zhang, Y., Cui, L., Li, L., Yun, H., Wu, Y., Sun, A., Liu, C., Pei, W., Gaines, R., Zhnag, X. 2019. The Qingjiang biota—A Burgess Shale-type fossil Lagerstätte from the early Cambrian of South China. *Science* 363, 1338–1342.
- Lerosey-Aubril, R., Gaines, R.R., Hegna, T.A., Ortega-Hernández, J., Van Roy, P., Kier, K., Bonino, E. 2018. The Weeks Formation Konservat-Lagerstätte and the evolutionary transition of Cambrian marine life. *Journal of the Geological Society* 175, 705–715.
- Lerosey-Aubril, R., Kimmig, J., Pates, S., Skabelund, J., Weug, A., Ortega-Hernández, J. 2020. New exceptionally preserved panarthropods from the Drumian Wheeler Konservat-Lagerstätte of the House Range of Utah. *Papers in Palaeontology* 6, 501–531.
- Paterson, J.R., García-Bellido, D.C., Jago, J.B., Gehling, J.G., Lee, M.S.Y., Edgecombe, G.D. 2015. The Emu Bay Shale Konservat-Lagerstätte: a view of Cambrian life from East Gondwana. *Journal of the Geological Society* 173, 1–11.
- Zhang, X., Liu, W., Zhao, Y. 2008. Cambrian Burgess Shale-type Lagerstätten in South China: Distribution and significance. *Gondwana Research* 14, 255–262.