

84 Prof. Maoyan Zhu



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Education

B.A. Geology, Jinlin University, Changchun, China, 1985

M.A. Stratigraphy paleontology, Jinlin University, Changchun, China, 1988

Ph.D. Stratigraphy paleontology, Nanjing Institute of Geology and Palaeontology, Nanjing, China, 1992

Work Experience

Research Assistant, Associate Research Fellow, Senior Researcher, Nanjing Institute of Geology and Palaeontology, Nanjing, China, 1992-present

Research Interests

Evolution of the Earth's environment and life during Neoproterozoic-Cambrian

Services & Awards

Editorial Board Member:

Acta Palaeontologica Sinica, Progress in Natural Science (Chinese and English edition), Journal of Palaeogeography, Global Geology, Palaeontologia Electronica, Palaeogeography, Palaeoclimatology, Palaeoecology.

Committee Responsibilities and Professional Activities

The formation of the neoproterozoic international commission on stratigraphy electoral commission member, Cambrian strata association election committee member, lower Cambrian stratigraphic division team leader

Major Publications

Maletz, J., Steiner, M., Weber, B., Zhu, M. (eds.), 2014. The Cambrian bioradiation. Palaeogeography Palaeoclimatology Palaeoecology, 398:1-186.

Shields-Zhou, G., Zhu, M. (eds.), 2013. Biogeochemical changes across the Ediacaran-Cambrian transition in South China. Precambrian Research, 225:1-230.

Fatka, V., Steiner, M., Weber, B., Zhu, M. (eds.), 2012. The Precambrian-Cambrian Biosphere (R)evolution: Insights from Chinese Microcontinents. Bulletin of Geosciences, 87 (1):67-200.

Zhao, Y., Zhu, M., Peng, J., Gaines, R. R., Parsley, R.L. (eds.), 2012. Cryogenian – Ediacaran to Cambrian Stratigraphy and Paleontology of Guizhou, China. Journal of Guizhou University (Natural Science), 29 (Suppl.):1-198.

- Zhu Mao-yan (ed.), 2010. The origin and Cambrian explosion of Animals: Fossils evidence from China. *Acta Palaeontologica Sinica*, Special Issue, 49:269-424.
- Zhu, M., Strauss, H., Shields, G. A. (eds.), 2007. From Snowball Earth to the Cambrian bioradiation: calibration of Ediacaran-Cambrian Earth history in South China. *Palaeogeography Palaeoclimatology Palaeoecology*, Special Issue, 54 (1-2): 1-361.
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- Peng, S., Babcock, L. E., Zhu, M. (eds.), 2005. Cambrian System of China and Korea. Guide to Field Excursions. University of Science and Technology of China Press. Hefei: 1-300.
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- Zhu, M., Van Iten, H., Peng, S., and Li, G. (eds.), 2001. Cambrian of South China. *Acta Palaeontologica Sinica*, 40 (Suppl.). 1-241.
- Peng, S., Babcock, L. E. and Zhu, M. (eds.), 2001. Cambrian System of South China. *Palaeoworld*, 13. 1-310.
- Luo, C., Zhu, M., Rietner, J., 2016. The Jinxian Biota revisited: taphonomy and body plan of the Neoproterozoic discoid fossils from the southern Liaodong Peninsula, North China. *Paläontol Z.*, DOI 10.1007/s12542-016-0289-5
- Duda, J.-P., Zhu, M., Reitner, J., 2015. Depositional dynamics of a bituminous carbonate facies in a tectonically induced intra-platform basin: the Shibantan Member (Dengying Formation, Ediacaran Period). *Carbonate Evaporates*, 10.1007/s13146-015-0243-8
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