

Filling the Gap Between the Cambrian Explosion and the Great Ordovician Biodiversification Event (GOBE)

Proceedings of the International Geoscience Programme (IGCP) Project 653 Annual Meeting, October 8th–12th, 2017, Yichang, China

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This proceedings contains the keynote presentations, invited speeches, and general session papers (extended summaries) presented at the IGCP Project 653 Annual Meeting 2017, which was held in Yichang, Hubei Province, China on Oct 8th–12th, 2017. It covers the following topics: stratigraphy and palaeontology of the late Cambrian to Ordovician interval; origination of plankton; palaeoclimatology and palaeoceanography of the Cambrian–Ordovician transition; taphonomy and palaeoecology of *Konservat-Lagerstätten*; benthic faunal turnover between the Cambrian Explosion and the Great Ordovician Biodiversification Event; and quantitative analysis of fossil records based on the Geobiodiversity Database (GBDB). It will greatly benefit scientists, graduate students and technicians and other professionals engaged in the fields of palaeontology, palaeobiology, stratigraphy, macroevolution, *Konservat-Lagerstätten*, palaeoclimatology, palaeogeography and palaeoceanography.

Key Features

- Presents the latest research results on late Cambrian to Ordovician palaeontology, stratigraphy, palaeoceanography and palaeogeography.
- Covers broad multidisciplinary areas and involves the most active and productive palaeontologists and stratigraphic specialists globally.

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