

Stratigraphy of the Permian Kamura limestone: Paleoenvironment of the superocean recorded in cap limestone on paleo-seamount

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The Late Permian Kamura limestone in central Kyushu was analyzed bio- and litho-stratigraphically. According to fusulinid biostratigraphy, this limestone is divided into the *Lepidolina* Zone, barren zone, *Codonofusiella-Reichelina* Zone, and *Palaeofusulina* Zone, in ascending order. The former two are correlated to the Maokouan Stage in South China, while the latter two to the Wuchiapingian and Changhsingian Stages, respectively. This is the world-first report on a fusulinaceans-dated continuous pelagic shallow-water limestone sequence covering the entire Late Permian interval immediately before the Permian-Triassic boundary mass extinction event.