

Stratigraphy of the Middle to Late Pleistocene in the southwest Hokkaido, Japan

*Akihiro Yokota¹, Reisuke Kondo²

1.Meiji Consultant Co., Ltd, 2.Educational Development Center, Kogakkan University

The Middle to Late Pleistocene Setana Formation and Ohyachi Formation is distributed in Setana Plain, southwestern Hokkaido, North Japan. The Setana Formation consists of tuffaceous sandstone in Setana Plain. This is sandwiched by the Ohya Formation and Kuromatunai Formation.

Sedimentary age of Setana Formation has been estimated to be 1.2 Ma to 0.6 Ma by biostratigraphic investigation. But there aren't a lot of previous research about Stratigraphic Relation between Ohyachi Formation and Setana Formation and that's geomorphic development.

Recently, Kondo et al. (2016) got Setana Formation's and Ohyachi Formation's conclusive age by OSL. The purpose of this study is to clarify the Stratigraphic Relation and the paleo-environment by Sedimentary age.

Keywords: southwestern Hokkaido, Setana Formation, Stratigraphy