

Microfossils from the Nihon University Mutsuai Campus core, Fujisawa City, Kanagawa Prefecture

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Four sediment samples were collected from the Fujisawa Mudstone in the Nihon University Mutsuai Campus core, Fujisawa city, Kanagawa Prefecture, central Japan. This core was situated the middle part of Paleo-Sagami Bay developed during the interglacial period (MIS 5). In total, 26 ostracode species and 47 foraminiferal species are identified in four samples. The dominant ostracode species are *Bicornucythere bisanensis*, *Neomonoceratina delicata* and *Trachyleberis ishizakii*. The dominant foraminiferal species are *Elphidium subgranulosum*, *Pseudorotalia gaimardii*, *Buccella frigida*, *Elphidium advenum* and *Murrayinella minuta*. These species are living in middle to outer bays. These data indicate that the depositional environment of the Fujisawa Mudstone at the study site was middle to outer bay area. In addition, the dominant four foraminiferal species were examined the ratio of dextral individuals and sinistral individuals. Furthermore, the ichinospecies of *Oicchnus simplex* were confirmed on the test of *Buccella frigida*.

Keywords: ostracode, foraminifera, Fujisawa Mudstone, Paleo-Sagami Bay