

Restudy of the eruptive history of Fuji volcano, Japan: preliminary report of the drilling research at the southwestern flank

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Mt. Fuji consists of Ko-Fuji and Shin-Fuji volcanoes. Our two drilling cores, which are carried out in 1999 and 2000, penetrated the Shin-Fuji products at the southwestern flank of the volcano. This research reveals the new stratigraphy as follow. 1) There is a 16-14 ka debris avalanche deposit between the Ko-Fuji debris flow deposits and the Shin-Fuji lava flows beneath the southwestern flank. 2) The older-stage lava flows of Shin-Fuji are made up of 20 layers and 114 m in thickness in the core. This voluminous lava extrusion occurred from 14 ka to 8.7 ka. 3) The young stage lava flow at the top of the core is a historical products about fifteen hundreds years age.