

Reconsideration of the Eruptive Ages of the Younger Fuji Volcano in the Northeast Area of Fuji Volcano, Central Japan

Yasuhisa Tajima[1], Norikazu Abe[2], Yutaka Kodama[3], Takashi Kubo[1], Naomichi Miyaji[4], Shiro Koizumi[5], Hiromichi Ono[6]

[1] NIPPON KOEI CO.,LTD, [2] Nippon Koei CO., Ltd., [3] NIPPON KOEI CO.,LTD., [4] NIVTS, [5] Fuji Sabo, [6] SABO Technical Center

In order to produce the Hazard Map of Fuji Volcano, the eruptive ages, the source crater and the eruptive volume of tephra layers during latest 2,000 years (this period is the latest eruptive stage of the Younger Fuji Volcano) need to be revealed correctly. The standard sequence of tephra layers has been disclosed on the Younger Fuji Volcano, based on many previous studies in east area of Fuji volcano (Izumi et al., 1977; Uesugi, 1990). But there are many tephra layers that have not been identified the eruptive ages, the source crater and the eruptive volume in northeast area of Fuji Volcano (Uesugi et al., 1987; Koyama, 1998b). The standard sequence of tephra layers has not been established yet on the Younger Fuji Volcano. Therefore the trench and slope excavating survey in northeast slope and foot of Fuji Volcano was carried out, so as to study the standard sequence of tephra layers of the Younger Fuji Volcano.

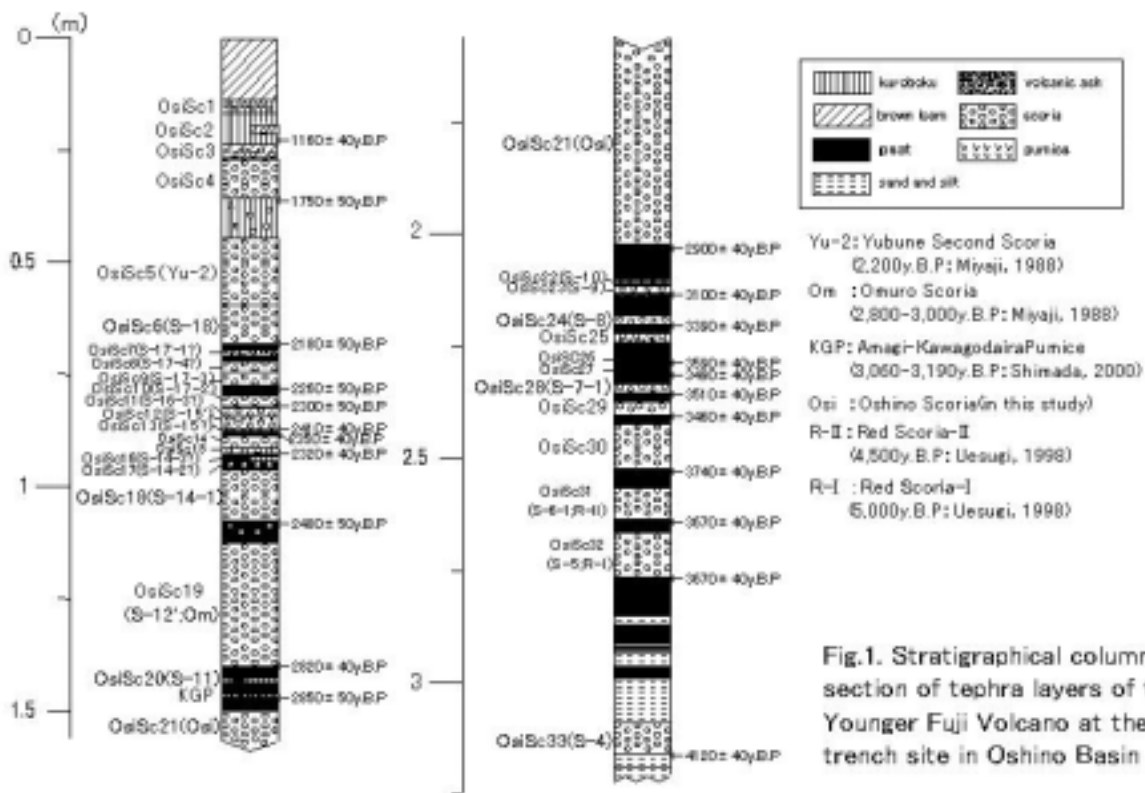


Fig.1. Stratigraphical columnar section of tephra layers of the Younger Fuji Volcano at the trench site in Oshino Basin