

New ¹⁴C ages of the ejecta from Kussharo and Mashu calderas, eastern Hokkaido, Japan

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New ¹⁴C age were measured for pyroclastic flow deposits and fallout deposits, which were erupted from Kussharo and Mashu volcanoes. Conclusions by the new data are as follows. 1) Eruption age for KP-1 is determined as about 350 ka. 2) Nu tephra group were erupted from 32 ka to 37 ka. 3) Andesitic tephra which ejected from the somma volcano of Mashu caldera erupted at about 12 ka. 4) Silicic plinian deposit from Mashu caldera erupted from 12 ka to 3.7 ka.