

Chronological study on widespread tephras for the past 50,000 years in and around Japanese Islands

OKUNO, Mitsuru^{1*} ; TORII, Masayuki² ; NAKAMURA, Toshio³

¹Fac. Sci., Fukuoka Univ., ²Grad. Sch., Sci. Tech., Kumamoto Univ., ³CCR, Nagoya Univ.

After discovery of Aira Tn (AT) tephra, many widespread tephras have been recognized. The tephra for the past 50,000 years can be dated by the radiocarbon (¹⁴C) age determination. All ¹⁴C dates for tephras after Spfa-1 can be calibrated to a calendar year using calibration dataset "IntCal13". On the other hand, the stratigraphy and the age of tephras intercalated with core sample from marine and lake have been made highly precise. In this presentation, we review the chronological research on widespread tephras for the past 50,000 years, and then present its perspective

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