

## Paleomagnetic intensity measurements of wide-spread tephras

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In Kyushu Island, there are many pyroclastic flows being co-born with the wide spread tephras which give good key layers in Japan and northwestern Pacific Area. The absolute paleointensity determination of those volcanic rocks will provide the calibration points for the relative paleointensity studies of the sediment cores. We have tried for the welded tuffs of the source of Aso-1, 2, 3, Aira Tn, and Akahoya tephras, and obtained reliable results from Aso-1, and Aira Tn. Their paleointensities were  $31.0 \pm 1.2 \mu\text{T}$  and  $23.5 \pm 0.3 \mu\text{T}$ , respectively.