

**Magnetostratigraphy of the Shirakawa Pyroclastic Flow Deposits, south Northeast Japan**

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The Early Pleistocene Shirakawa Pyroclastic Flow Deposits divided into the Kumado, Ashino, Nishigo and Ten-ei Pyroclastic Flow deposits in ascending order, erupted from the south Ou Range. Yamamoto (2006) reported the paleomagnetic polarity of Kumado, Asino and Nishigo Pyroclastic Flow deposits were reversed, while Ten-ei Pyroclastic Flow deposits was normal. All pyroclastic flow deposits would be erupted in 1.5-1.0 Ma.

Reversed paleomagnetic polarity was obtained systematically from the Kumado, Ashino, Nishigo and Ten-ei Pyroclastic Flow deposits, and 0.88 +/- 0.10 Ma, 1.01 +/- 0.08 Ma FT dating were obtained from the Nishigo and Ten-ei Pyroclastic Flow deposits. This paleomagnetic polarity and FT ages suggest that Kumado and Ashino Pyroclastic Flow deposits predate the Jaramillo Subchron, while the Nishigo and Ten-ei Pyroclastic Flow deposits postdate the Jaramillo Subchron in the Late Matuyama Chron.