

Q139-005

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Zircon fission track ages of the tephra from the Sayama Formation in the Sayama Hill, western Kanto Plain, central Japan

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We collected two pumiceous tephra (Zoshiki and Imokubo tephra) from the Lower Pleistocene Sayama Formation in the Sayama Hill, western Kanto Plain, central Japan. Peat layer occur 20m beneath the Zoshiki tephra and includes plant fossils of *Jugrans megacnerea* Miki ex Chaney, *Metasequoia glyptostroboides* Hu et Cheng. and *Davidia involucrata* BAILLON. Zircon fission track ages of the Zoshiki and Imokubo tephra are 1.4±0.2Ma, 1.7±0.2Ma, respectively. These FT ages indicate that the age of middle Sayama Formation is 1.4-1.5 Ma, concordant of the fossil plant biostratigraphy.