

## Stratigraphy, identification and ages of tephra layers around Chichibu basin, central Japan

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This study shows the revised stratigraphy, correlation and ages of the Middle Pleistocene tephras covering Odamaki gravel in the Chichibu basin. The most significant changes are identification of four fine tephras with much content of biotite. OD6 named previously ODA is identical to HBP in south Kanto, and all of four are correlated to Omachi- A1Pm, A2Pm, A3Pm and A4Pm, respectively. Precise ages of OD6 and OD17, correlative to Kakuto Tephra, were determined. The former is estimated to be 410 - 380 ka owing to its stratigraphic position in Jizodo Formation of Boso peninsula, and the latter to be 340-330ka. Those estimation and the depth of the lithic (Ogasaka Site: Early Paleolithic), recently discovered in the tephric soil deposit, indicate that the age of the lithic is 450 - 500ka.