

Paleomagnetic study in the Miocene sedimentary rocks from Chiang Muan in the northern Thailand

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Late Eocene to Middle Miocene non-marine sedimentary rocks intercalated with coal layers crop out in the Mae Moh Basin, northern Thailand. Rock samples for paleomagnetic measurement were collected from nine horizons in the Chiang Muan Formation around Phayao, in which, a joint research group of Thailand and Japan had previously found hominoid and other mammalian fossils for last several years. After stepwise thermal and alternating field demagnetizations for specimens from all the sampling sites, the thermal demagnetization reliably indicated result that the Chiang Muan Formation showed R-N-R-N polarity sequence in ascending order.

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