

E018-P004

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Paleomagnetism of late Cenozoic igneous rocks in the northern Kofu basin, Yamanashi Prefecture, central Japan: Preliminary results

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A paleomagnetic study is now in progress in the northern Kofu basin to delineate the possible rotational motion of the eastern wing of the Kanto Syntaxis. Samples were collected from radiometrically well-dated late Cenozoic igneous rocks at 18 sites, ranging in age from mid Miocene through Pliocene. All the samples prepared are subjected to stepwise demagnetization (AF or thermal method). Rock magnetic experiments are also conducted on some samples in order to examine magnetic carriers. In the presentation, we will show preliminary rock magnetic and paleomagnetic results.