

## Time-space distribution of Plio-Pleistocene volcanism in the Ryohaku mountains, central Japan

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K-Ar dating of volcanic rocks from Ryohaku mountains of central Japan were done for groundmass separates of 40 samples to reveal the time - space distribution of volcanism in the area.

From 3 Ma to 1.4 Ma, volcanic activity was restricted at Gankyōji, Choshigamine and Sannomine volcanoes. At 1.2 Ma, Eboshi volcano which is at the ESE end of Kuzuryu volcanic chain, began. Volcanism migrated toward WNW until 0.7 Ma. Hakusan volcanic chain which has north-south trending, began its activity ca. 0.6 Ma and continued until present.