

**Q145-001**

**Room: Function Room A**

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## **The age of the lower Kazusa Group by the Pliocene tephra correlation in the Namihana and Katsuura Formation in the Boso peninsula**

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The Plio-Pleistocene Kazusa Group distributed in the Boso Peninsula. In order to characterize the tephra layers with in the lower Kazusa Group, authors investigated the thickness, color, shape of volcanic glass, mineral composition, refractive index of volcanic glass and the major and trace element composition of volcanic glass.

Four tephra layers in the Namihana and the Katsuura Formation of the lower Kazusa Group can be correlated with tephra layers of the other Plio-Pleistocene Groups in central Japan. The age of the lower Kazusa Group is about 2.3Ma by these tephra correlations.