

Stratigraphy of Hijiori volcano

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Hijiori caldera (Sugimura, 1953), located in the Northeastern Japan arc at about 15 km NE from the Gassan volcano, became one of a new active volcano of Japan, because CCPVE (coordinating committee for prediction of volcanic eruption) reorganized definition of Active volcano, on 21 January 2003. It erupted about 10 ka on the area where no significant volcanic body is recognized. As a step toward a better petrological understanding of magma processes in the formation of a new caldera volcano, stratigraphy of the Hijiori eruptive products were re-examined.