

**Reevaluation of the eruptive history of Hokkaido-Komagatake volcano (part2)**

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The eruptive history in last 32000 years of Hokkaido-Komagatake volcano located in southwestern Hokkaido was reevaluated based on the stratigraphical study, whole rock chemistry of juvenile materials and radiocarbon ages. More than six eruptive products were newly found beneath Ko-d (AD1640) on the northern flank of the volcano. Age of the new eruptions are estimated as follows: NS1 (ca. 5.5 ka), NS2 (ca. 5.5 ka), NS4 (ca. 11 ka), NS5 (12-14.5 ka), SR1 (ca. 14.5 ka), SRb1 (ca. 15 ka) and SR2 (16-17ka). The eruptive history can be divided into four eruptive periods (before 32ka, 17ka to 11ka, 6ka to 5.5ka and after AD1640). The activities of last three periods were characterized by four major eruptions during hundreds to thousands of years.