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A piece of knowledge on parasitic volcanoes

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Historical cases of monogenetic eruptions are searched over the world and some quantitative data are discussed. From the present imperfect knowledge of monogenetic volcanoes, they are provisionally classified into two types according to the depths of their origins: deep, at the base of the crust, and shallow, well within the crust. A third type is monogenetic volcanisms of parasitic cones and domes. The monogenetic features of parasitic cones are exemplified on Usu volcano and we reached that almost all parasitic cones would not erupt repeatedly. This meeting was supported by the Earthquake Research Institute cooperative research program.