

# COMPARATIVE MORPHOLOGY OF ORTHOCLASE CRYSTALS

by

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## ABSTRACT

Crystal populations of three small intrusive igneous bodies were sampled and parameters of the volume of the crystals and the areas of the accessory faces 130, 111, 021, 101 of the crystals were determined and measured. These data were subjected to statistical and graphical analyses. The results show that not only the environment, but also the mode of growth of a crystal (twinned versus untwinned) determines the habit of the crystal and the extent of development of the accessory faces of the crystal.