

Abstract

Young, predominantly Tertiary alkaline volcanites of the Czech Republic are as a whole characterised on the basis of average content of 46 major and trace elements in rock types according to the mineralogical classification and the chemical classifications (the international - IUGS and that for the Bohemian Massif by Šrbený). Mutual relations of the elements are expressed by the correlation coefficients. Rock association of the Bohemian Massif is compared with other associations of young volcanites.