



## THE MORPHOLOGICAL DIVERSITY OF SELECTED TRAITS OF WORLD COLLECTION OF POPPY GENOTYPES (GENUS PAPAVER)

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In the first stage of research the 404 genotypes of poppy (Papaver) from World collection were evaluated during 1999. The field trial was established on research base of SAU in Nitra. The aim of the study was to assess morphological characteristic and diversity of selected traits of poppy plants and create a digitalized visual documentation of studied traits of collection. 50-60 individuals for each accession were cultivated. During vegetation period 22 morphological traits have been assessed and visual documentation of main flower, lower leaf, capsule and seed was made. During the phase of mature, 20 randomly selected plants were analyzed for 24 qualitative and quantitative traits.

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