



Characterization of the loessflora in the Tolnai-dombság

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This study presents the loessflora of the Tolnai-dombság in South-East Transdanubia in Hungary. We took a floristic survey of rare species that indicate the primary loess habitats. We investigated the history of some habitats on historical maps made in 18th and 19th centuries, but only the maps of 2nd military survey proved suitable due to its elaborateness.



Steppe oak-forest on loess



The situation of sample area



Loess-valley with loess vegetation in sampled area

Based on the landscape history and the field experience we found species, which are typical to the primary loess habitats. Some characteristic species of the primary loess habitats are the following: *Thalictrum minus*, *Euphorbia glareosa*, *Tanacetum corymbosum*, *Inula germanica*, *Inula hirta*. The presence of *Veronica austriaca* ssp. *dentata* and *Inula hirta* have been found in *Euphorbio pannonici-Brachypodietum pinnati* association must be emphasized, as these taxa are very rare in South Transdanubia. We represent some species, which are typical to secondary loess-habitats, such as *Anchusa barbellieri*, *Inula ensifolia* and *Erigeron acer*.



Cirsium boujartii



Linaria biebersteinii



Scabiosa canescens



Prunella glandiflora



Erigeron acer



Inula hirta



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