

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 floristical 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, and only the maps of 2nd military survey proved suitable due to its elaborateness. Based on the landscape history and the field experience we show species, which are typical to the primary loess habitats.

Some characteristic species of the primary loess habitats: *Thalictrum minus*, *Euphorbia glareosa*, *Tanacetum corymbosum*, *Inula germanica*, *I. hirta*. The present of *Veronica austriaca* ssp. *dentata* and *Inula hirta* found in *Euphorbio pannonici-Brachypodietum pinnati* association must be emphasized, as these taxa are very rare in South Transdanubia.

We represent some rare species also in the secondary loess-habitats such as *Anchusa barrelieri*, *Inula ensifolia*, *Erigeron acer*. Species which are typical in grazing-grounds including *Cirsium boujartii*, *Rapistrum perenne*, *Salvia aethiopis*, *Taraxacum serotinum* are also shown in this study.

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