

Supplementary material for research article

**Current condition of Pannonic salt steppes at their
distribution limit:
what do indicator species reveal about habitat quality?**

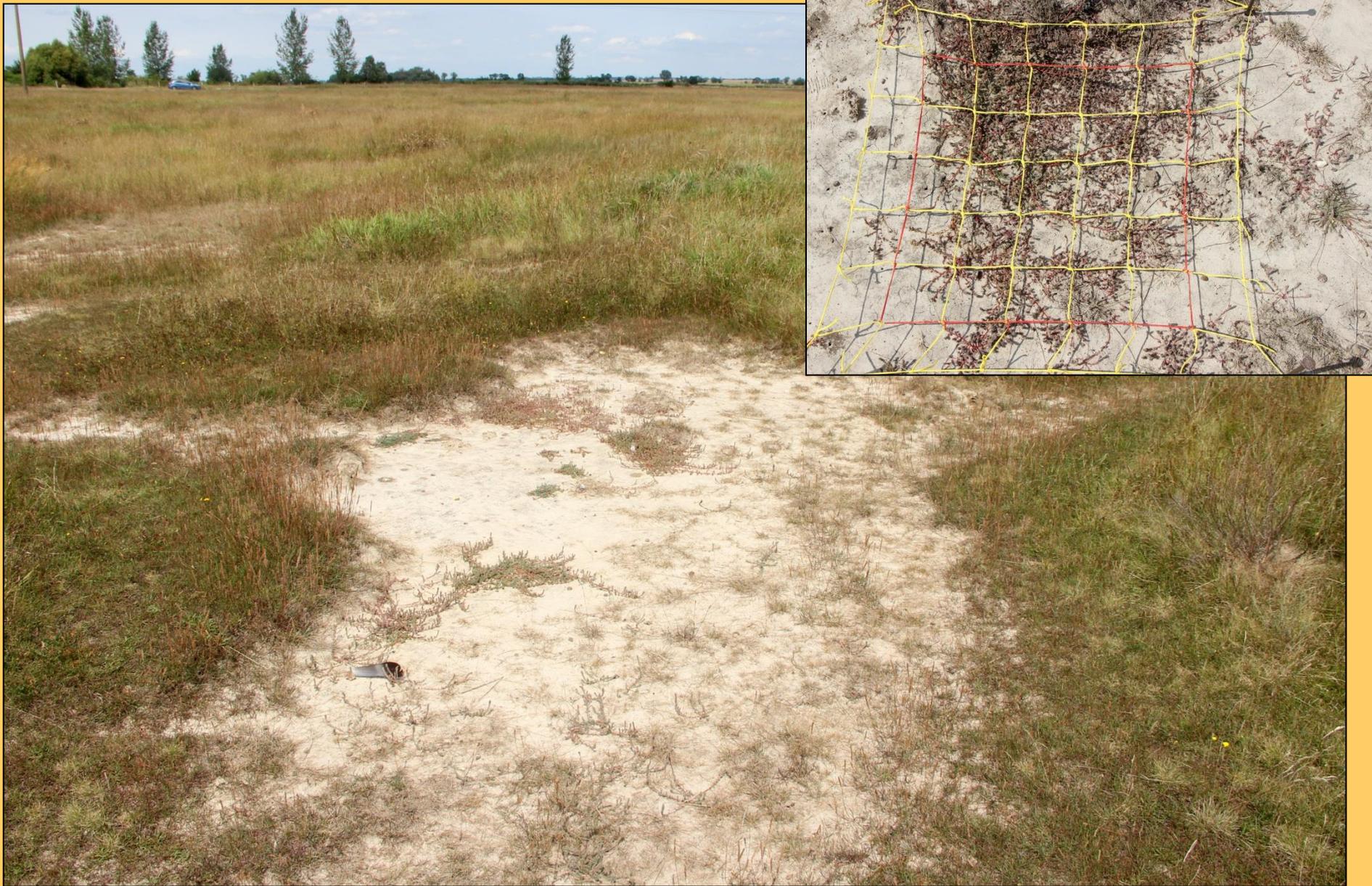
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**S2_Photos of vegetation plots with three flagship species of salt steppes
taken by the authors during field sampling**



Degraded *Artemisia* steppe, vegetation plot with indicator species *Artemisia santonicum* subsp. *patens*, recorded in Slovakia, site no. 7 in Supplementary material S3, group of naturalness 4.



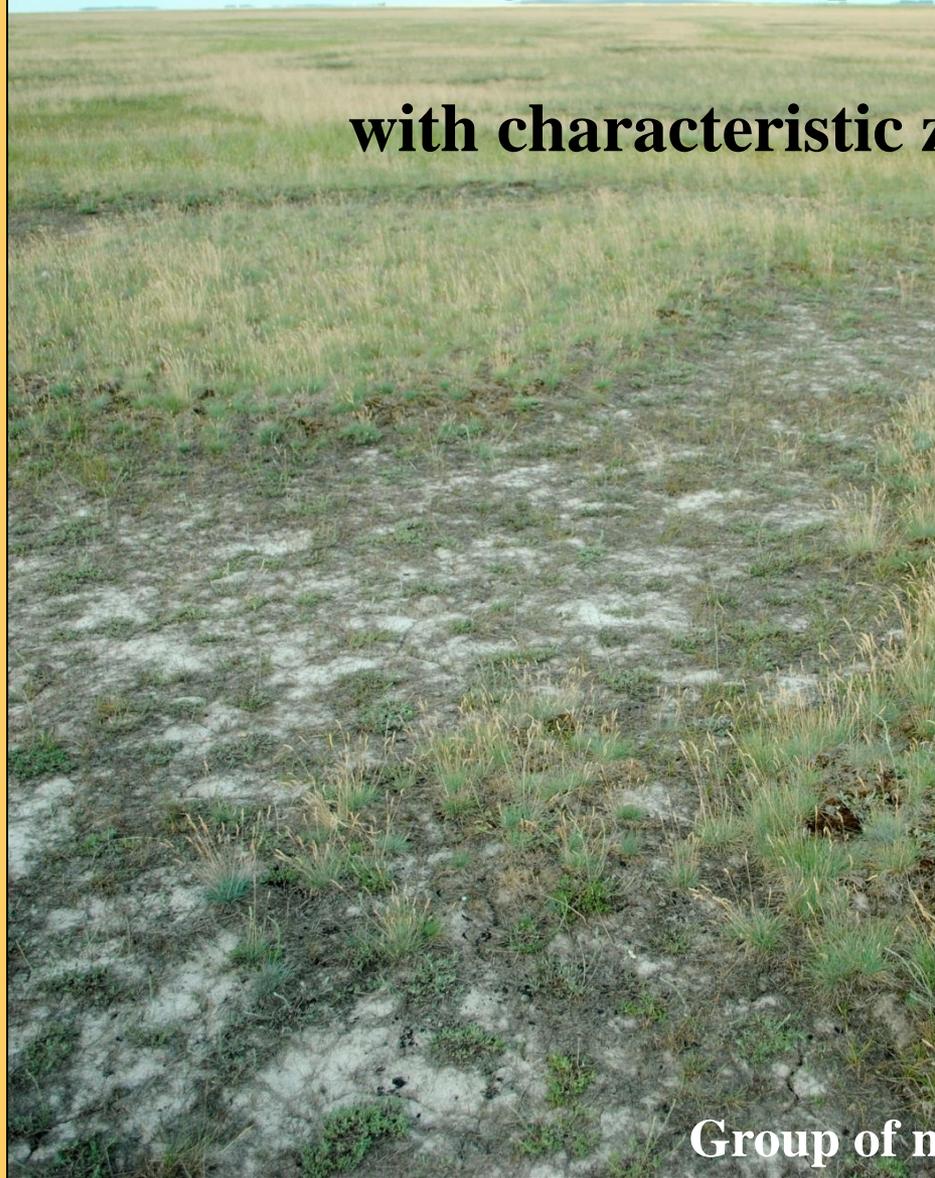
Barren spots of alkali soils occupied by therophyte stands of *Camphorosma annua*, plot recorded in Slovakia, site no. 10 in Supplementary material S3, group of naturalness: 1.



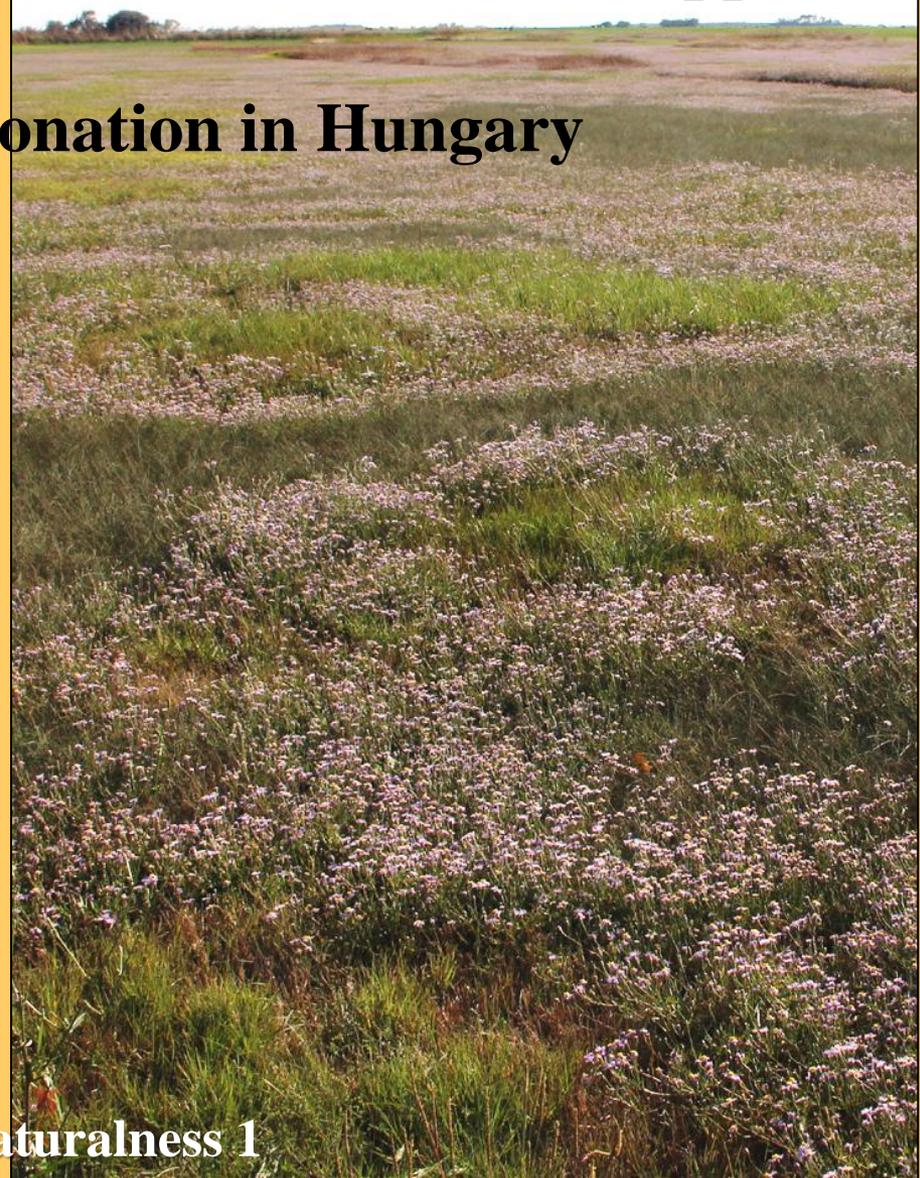
Flat depressions on saline soils with degraded stands of *Tripolium pannonicum* subsp. *pannonicum*, plot recorded in Slovakia, site no. 23 in Supplementary material S3, group of naturalness 3.

Reference vegetation of preserved Pannonic salt steppes

with characteristic zonation in Hungary



Group of naturalness 1



Mosaic of alkali habitats: *Artemisia* steppes and barren spots with *Camphorosma annua* in Hortobágy. Flat saline depressions with stands of *Tripolium pannonicum* subsp. *pannonicum* in Kiskunság.