

Tolpis umbellata

Habitus and growth type

Plant height [m]: **0.38**

Life span: **Annual**

Life form: **Therophyte**

Flower

Flowering period: **March-June**

Fruit, seed and dispersal

Dispersal mode: **Anemochory**

Dispersal distance class: **5**

Trophic mode

Parasitism and mycoheterotrophy: **autotroph**

Carnivory: **non-carnivorous**

Symbiotic nitrogen fixation: **no nitrogen-fixing symbionts**

Taxon origin

Origin in Europe: **Native**

Ecology

Environmental relationships

Substrate humidity relationship: **Dry**

Substrate reaction relationship: **Acidic**

Nutrient relationship: **Dystrophic**

Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **9**

Temperature indicator value: **9**

Moisture indicator value: **2**

Reaction indicator value: **2**

Nutrient indicator value: **1**

Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **1.27**

Disturbance frequency (herb layer): **2.01**

Disturbance severity: **0.49**

Disturbance severity (herb layer): **0.44**

Mowing frequency: **0.65**

Grazing pressure: **0.3**

Soil disturbance: **0.26**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: [**FI \(TUB\) *Helianthemetea guttati***](#)

Broad habitat

Occurrence in broad habitats: **Grassland (non-alpine, non-saline)**