

# ***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)**