

# *Stipa tirsia*

## Habitus and growth type

Plant height [m]: **0.53**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Flower

Flowering period: **May-July**

## Fruit, seed and dispersal

Seed mass [mg]: **14.65**

Dispersal mode: **Epizoochory**

Dispersal distance class: **6**

## 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: **Alkaline**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **8**

Temperature indicator value: **6.6**

Moisture indicator value: **3.4**

Reaction indicator value: **6.5**

Nutrient indicator value: **2.3**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **2.02**

Disturbance frequency (herb layer): **2.02**

Disturbance severity: **0.49**

Disturbance severity (herb layer): **0.49**

Mowing frequency: **0.99**

Grazing pressure: **0.37**

Soil disturbance: **0.14**

## **Habitat and sociology**

Syntaxon

Diagnostic species of phytosociological classes: [DA \(FES\) Festuco-Brometea](#)

Broad habitat

Occurrence in broad habitats: **Grassland (non-alpine, non-saline), Sparsely vegetated (incl. rock and scree)**

## **Distribution**

Continentality: 7

Continentality amplitude: 3