

# *Stipa pulcherrima*

## Habitus and growth type

Plant height [m]: **0.6**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **8.54**

## Flower

Flowering period: **May-August**

## Fruit, seed and dispersal

Seed mass [mg]: **25.38**

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: **Dystrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **8.6**

Temperature indicator value: **6.8**

Moisture indicator value: **1.7**

Reaction indicator value: **7.7**

Nutrient indicator value: **1.3**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **1.34**

Disturbance frequency (herb layer): **1.83**  
Disturbance severity: **0.44**  
Disturbance severity (herb layer): **0.42**  
Mowing frequency: **0.36**  
Grazing pressure: **0.37**  
Soil disturbance: **0.17**

## Habitat and sociology

### EUNIS habitat

Diagnostic species of EUNIS habitats: [R15 Continental dry rocky steppic grassland and dwarf scrub on chalk outcrops](#), [R17 Heavy-metal dry grassland of the Balkans](#), [R1B Continental dry grassland \(true steppe\)](#)

Constant species of EUNIS habitats: [R15 Continental dry rocky steppic grassland and dwarf scrub on chalk outcrops](#), [R17 Heavy-metal dry grassland of the Balkans](#)

### Broad habitat

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

## Distribution

Continentality: 7  
Continentality amplitude: 5