

# *Koeleria vallesiana*

## Habitus and growth type

Plant height [m]: **0.17**

Life span: **Perennial**

Life form: **Hemicryptophyte**

Spinescence: **not spinescent**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **12.2**

## Flower

Flowering period: **April-August**

## Fruit, seed and dispersal

Seed mass [mg]: **0.48**

Dispersal mode: **Local non-specific dispersal**

Dispersal distance class: **1**

## 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: **8.8**

Moisture indicator value: **1.8**

Reaction indicator value: **8.2**

Nutrient indicator value: **1.4**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **1.04**

Disturbance frequency (herb layer): **1.76**  
Disturbance severity: **0.51**  
Disturbance severity (herb layer): **0.41**  
Mowing frequency: **0.38**  
Grazing pressure: **0.4**  
Soil disturbance: **0.21**

## Habitat and sociology

### EUNIS habitat

Diagnostic species of EUNIS habitats: [R18 Perennial rocky calcareous grassland of subatlantic-submediterranean Europe](#), [R1H Iberian oromediterranean basiphilous dry grassland](#), [R32 Mediterranean short moist grassland of lowlands](#), [S61 Western basiphilous garrigue](#), [S65 Mediterranean gypsum scrub](#), [S73 Western Mediterranean mountain hedgehog-heath](#)

Constant species of EUNIS habitats: [R18 Perennial rocky calcareous grassland of subatlantic-submediterranean Europe](#), [R1H Iberian oromediterranean basiphilous dry grassland](#), [R32 Mediterranean short moist grassland of lowlands](#), [S52 Submediterranean pseudomaquis](#), [S61 Western basiphilous garrigue](#), [S65 Mediterranean gypsum scrub](#), [S73 Western Mediterranean mountain hedgehog-heath](#), [S74 Central Mediterranean mountain hedgehog-heath](#)

### Broad habitat

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

## Distribution

Continentality: **5**  
Continentality amplitude: **3**