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^2/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**

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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**

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