Koeleria splendens

Habitus and growth type

Plant height [m]: **0.46**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Flower

Flowering period: **April-July**

Fruit, seed and dispersal

Seed mass [mg]: **0.34**
Dispersal mode: **Local non-specific dispersal**
Dispersal distance class: **2**

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: **9**
Temperature indicator value: **8**
Moisture indicator value: **3**
Reaction indicator value: **7**
Nutrient indicator value: **1**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **1.12**
Disturbance frequency (herb layer): **1.82**
Disturbance severity: **0.51**
Disturbance severity (herb layer): **0.44**

© 2014–2026 Pladias – Citation: Pladias – Database of the Czech Flora and Vegetation. www.pladias.cz

Mowing frequency: **0.3**
Grazing pressure: **0.36**
Soil disturbance: **0.18**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **DA (FES) *Festuco-Brometea***

EUNIS habitat

Diagnostic species of EUNIS habitats: **R19 Dry steppic submediterranean pasture of the Amphi-Adriatic region**, **R45 Alpine and subalpine calcareous grassland of the Balkans and Apennines**

Constant species of EUNIS habitats: **R14 Perennial rocky grassland of the Italian Peninsula**, **R19 Dry steppic submediterranean pasture of the Amphi-Adriatic region**, **R1K Balkan and Anatolian oromediterranean dry grassland**, **R45 Alpine and subalpine calcareous grassland of the Balkans and Apennines**, **S74 Central Mediterranean mountain hedgehog-heath**, **S75 Eastern Mediterranean mountain hedgehog-heath**

Broad habitat

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

© 2014–2026 Pladias – Citation: Pladias – Database of the Czech Flora and Vegetation. www.pladias.cz