Stipa zalesskii

Habitus and growth type

Plant height [m]: **0.53**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Fruit, seed and dispersal

Seed mass [mg]: **8.64**
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: **8.5**
Temperature indicator value: **6**
Moisture indicator value: **3.3**
Reaction indicator value: **8**
Nutrient indicator value: **2**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **1.61**
Disturbance frequency (herb layer): **1.8**
Disturbance severity: **0.47**
Disturbance severity (herb layer): **0.47**
Mowing frequency: **0.75**
Grazing pressure: **0.44**
Soil disturbance: **0.18**

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

Habitat and sociology

Syntaxon

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

EUNIS habitat

Diagnostic species of EUNIS habitats: **R15 Continental dry rocky steppic grassland and dwarf scrub on chalk outcrops**, **R1B Continental dry grassland (true steppe)**

Broad habitat

Occurrence in broad habitats: **Grassland (non-alpine, non-saline)**

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