Melica picta

Habitus and growth type

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

Flower

Flowering period: **April-June**

Fruit, seed and dispersal

Seed mass [mg]: **1.88**
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: **Mesotrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **5.1**
Temperature indicator value: **7.3**
Moisture indicator value: **4.3**
Reaction indicator value: **6.8**
Nutrient indicator value: **3.8**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.12**
Disturbance frequency (herb layer): **1.37**
Disturbance severity: **0.66**
Disturbance severity (herb layer): **0.18**

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Mowing frequency: **0.06**
Grazing pressure: **0.21**
Soil disturbance: **0.11**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **CA (FAG) *Carpino-Fagetea sylvaticae***

Broad habitat

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

Distribution

Continentality: **8**
Continentality amplitude: **4**

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