

Melica uniflora

Habitus and growth type

Plant height [m]: **0.36**

Life span: **Perennial**

Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm²/mg]: **39.6**

Flower

Flowering period: **April-June**

Fruit, seed and dispersal

Seed mass [mg]: **2.9**

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: **Mesic**

Substrate reaction relationship: **Slightly acidic to near-neutral**

Nutrient relationship: **Mesotrophic**

Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **3.8**

Temperature indicator value: **5.7**

Moisture indicator value: **5.3**

Reaction indicator value: **6.4**

Nutrient indicator value: **5.1**

Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.02**

Disturbance frequency (herb layer): **1.3**
Disturbance severity: **0.7**
Disturbance severity (herb layer): **0.12**
Mowing frequency: **0.01**
Grazing pressure: **0.2**
Soil disturbance: **0.1**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: [CA \(FAG\) *Carpino-Fagetea sylvaticae*](#)

EUNIS habitat

Constant species of EUNIS habitats: [S37 *Corylus avellana* scrub](#), [T17 *Fagus* forest on non-acid soils](#), [T19 Temperate and submediterranean thermophilous deciduous forest](#), [T1E *Carpinus* and *Quercus* mesic deciduous forest](#), [T1F Ravine forest](#), [T1G *Alnus cordata* forest](#), [T27 *Ilex aquifolium* forest](#), [T32 Temperate mountain *Abies* forest](#), [T33 Mediterranean mountain *Abies* forest](#), [T3C *Taxus baccata* forest](#)

Broad habitat

Occurrence in broad habitats: **Scrub, Forest, Synanthropic**

Distribution

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