

# *Melica uniflora*

## Habitus and growth type

Plant height [m]: **0.36**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/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**