

# *Bellis perennis*

## Habitus and growth type

Plant height [m]: **0.09**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **32.32**

## Flower

Flowering period: **January-December**

## Fruit, seed and dispersal

Seed mass [mg]: **0.12**

Dispersal mode: **Local non-specific dispersal, Anthropochory**

Dispersal distance class: **1, 7**

## 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, Mesic, Wet**

Substrate reaction relationship: **Acidic, Slightly acidic to near-neutral, Alkaline**

Nutrient relationship: **Oligotrophic, Eutrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **8.1**

Reaction indicator value: **5.2**

Salinity indicator value: **0.1**

### Disturbance indicator values

Disturbance frequency: **1.52**

Disturbance frequency (herb layer): **2.21**

Disturbance severity: **0.51**

Disturbance severity (herb layer): **0.5**

Mowing frequency: **0.99**

Grazing pressure: **0.47**

Soil disturbance: **0.36**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [CM \(MOL\) \*Molinio-Arrhenatheretea\*](#),  
[FH \(BUL\) \*Poetea bulbosae\*](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [R21 Mesic permanent pasture of lowlands and mountains](#), [R22 Low and medium altitude hay meadow](#)

Constant species of EUNIS habitats: [MA222 Atlantic upper saltmarsh](#), [R21 Mesic permanent pasture of lowlands and mountains](#), [R22 Low and medium altitude hay meadow](#), [T1G \*Alnus cordata\* forest](#)

### Broad habitat

Occurrence in broad habitats: **Coastal saltmarsh, Spring, Wetland, Grassland (non-alpine, non-saline), Forest**

## Distribution

Continentality: **4**

Continentality amplitude: **4**