

# *Leucojum vernal*

## Habitus and growth type

Plant height [m]: **0.18**

Life span: **Perennial**

Life form: **Geophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **32.57**

## Flower

Flowering period: **January-April**

## Fruit, seed and dispersal

Seed mass [mg]: **12.52**

Dispersal mode: **Myrmecochory**

Dispersal distance class: **3**

## 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: **Alkaline**

Nutrient relationship: **Eutrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **5.9**

Temperature indicator value: **5.3**

Moisture indicator value: **6.4**

Reaction indicator value: **7**

Nutrient indicator value: **7.2**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.1**

Disturbance frequency (herb layer): **1.36**

Disturbance severity: **0.69**

Disturbance severity (herb layer): **0.21**

Mowing frequency: **0.02**

Grazing pressure: **0.17**

Soil disturbance: **0.11**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [CA \(FAG\) \*Carpino-Fagetea sylvaticae\*](#),  
[HA \(POP\) \*Alno glutinosae-Populetea albae\*](#)

### Broad habitat

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

## Distribution

Continentality: **4**

Continentality amplitude: **2**