Viola alba

Habitus and growth type

Plant height [m]: **0.11**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm^2/mg]: **15.9**

Flower

Flowering period: **January-April**

Fruit, seed and dispersal

Seed mass [mg]: **1.48**
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

Temperature indicator value: **7.7**
Reaction indicator value: **7.1**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.03**
Disturbance frequency (herb layer): **1.3**
Disturbance severity: **0.69**
Disturbance severity (herb layer): **0.12**

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Mowing frequency: **0.01**
Grazing pressure: **0.22**
Soil disturbance: **0.1**

Habitat and sociology

EUNIS habitat

Diagnostic species of EUNIS habitats: **T19 Temperate and submediterranean thermophilous deciduous forest**, **T1A Mediterranean thermophilous deciduous forest**, **T1G Alnus cordata forest**, **T3C Taxus baccata forest**
Constant species of EUNIS habitats: **T19 Temperate and submediterranean thermophilous deciduous forest**, **T1A Mediterranean thermophilous deciduous forest**, **T1G Alnus cordata forest**, **T21 Mediterranean evergreen Quercus forest**, **T3C Taxus baccata forest**

Broad habitat

Occurrence in broad habitats: **Grassland (non-alpine, non-saline), Scrub, Forest, Sparsely vegetated (incl. rock and scree), Synanthropic**

Distribution

Continentality: **5**
Continentality amplitude: **3**

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