Sanicula europaea

Habitus and growth type

Plant height [m]: **0.32**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm^2/mg]: **30.95**

Flower

Flowering period: **April-July**

Fruit, seed and dispersal

Seed mass [mg]: **3.14**
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: **Alkaline**
Nutrient relationship: **Eutrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **3.9**
Moisture indicator value: **5.5**
Reaction indicator value: **7.6**
Nutrient indicator value: **5.7**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.02**
Disturbance frequency (herb layer): **1.31**

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Disturbance severity: **0.69**
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

Diagnostic species of EUNIS habitats: **T17 Fagus forest on non-acid soils**, **T1G Alnus cordata forest**, **T27 Ilex aquifolium forest**, **T32 Temperate mountain Abies forest**, **T33 Mediterranean mountain Abies forest**, **T3C Taxus baccata forest**

Constant species of EUNIS habitats: **S37 Corylus avellana scrub**, **T17 Fagus forest on non-acid soils**, **T1E Carpinus and Quercus mesic deciduous forest**, **T1G Alnus cordata forest**, **T27 Ilex aquifolium forest**, **T32 Temperate mountain Abies forest**, **T33 Mediterranean mountain Abies forest**, **T37 Mediterranean montane Pinus sylvestris-Pinus nigra forest**, **T3C Taxus baccata forest**

Broad habitat

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

Distribution

Continentality amplitude: **5**

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