

Arum maculatum

Habitus and growth type

Plant height [m]: **0.27**

Life span: **Perennial**

Life form: **Geophyte**

Leaf

Specific leaf area [mm²/mg]: **33.26**

Flower

Flowering period: **March-May**

Fruit, seed and dispersal

Seed mass [mg]: **258.21**

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: **Wet**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Eutrophic**

Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Temperature indicator value: **6.3**

Moisture indicator value: **6**

Reaction indicator value: **7.3**

Nutrient indicator value: **7.4**

Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.05**

Disturbance frequency (herb layer): **1.33**

Disturbance severity: **0.69**

Disturbance severity (herb layer): **0.16**

Mowing frequency: **0.01**

Grazing pressure: **0.19**

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](#), [T1E *Carpinus* and *Quercus mesic deciduous forest*](#), [T1F *Ravine forest*](#)

Broad habitat

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

Distribution

Continentality: **3**

Continentality amplitude: **3**