Asarum europaeum

Habitus and growth type

Plant height [m]: **0.09**
Life span: **Perennial**
Life form: **Hemicryptophyte, Geophyte**

Leaf

Specific leaf area [mm^2/mg]: **27.52**

Flower

Flowering period: **February-May**

Fruit, seed and dispersal

Seed mass [mg]: **3.14**
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: **3.2**
Moisture indicator value: **5.5**
Reaction indicator value: **7.2**
Nutrient indicator value: **6**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.06**
Disturbance frequency (herb layer): **1.33**

© 2014–2026 Pladias – Citation: Pladias – Database of the Czech Flora and Vegetation. www.pladias.cz

Disturbance severity: **0.69**
Disturbance severity (herb layer): **0.16**
Mowing frequency: **0.02**
Grazing pressure: **0.19**
Soil disturbance: **0.1**

Habitat and sociology

EUNIS habitat

Diagnostic species of EUNIS habitats: **S37 Corylus avellana scrub**, **T12 Alnus glutinosa-Alnus incana forest on riparian and mineral soils**, **T17 Fagus forest on non-acid soils**, **T1E Carpinus and Quercus mesic deciduous forest**, **T1F Ravine forest**
Constant species of EUNIS habitats: **S37 Corylus avellana scrub**, **T12 Alnus glutinosa-Alnus incana forest on riparian and mineral soils**, **T17 Fagus forest on non-acid soils**, **T1E Carpinus and Quercus mesic deciduous forest**, **T1F Ravine forest**

Broad habitat

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

Distribution

Continentality: **5**
Continentality amplitude: **4**

© 2014–2026 Pladias – Citation: Pladias – Database of the Czech Flora and Vegetation. www.pladias.cz