Alliaria petiolata

Habitus and growth type

Plant height [m]: **0.5**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm^2/mg]: **40.83**

Flower

Flowering period: **April-July**

Fruit, seed and dispersal

Seed mass [mg]: **2.58**
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: **5.2**
Temperature indicator value: **5.9**
Moisture indicator value: **5.4**
Reaction indicator value: **7.3**
Nutrient indicator value: **8**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.15**

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Disturbance frequency (herb layer): **1.34**
Disturbance severity: **0.68**
Disturbance severity (herb layer): **0.25**
Mowing frequency: **0.07**
Grazing pressure: **0.19**
Soil disturbance: **0.13**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **CA (FAG) *Carpino-Fagetea sylvaticae***, **HA (POP) *Alno glutinosae-Populetea albae***, **QG (EPI) *Epilobietea angustifolii***

EUNIS habitat

Diagnostic species of EUNIS habitats: **T11 Temperate Salix and Populus riparian forest**, **T13 Temperate hardwood riparian forest**

Constant species of EUNIS habitats: **N1D Atlantic and Baltic broad-leaved coastal dune forest**, **T11 Temperate Salix and Populus riparian forest**, **T13 Temperate hardwood riparian forest**, **T1F Ravine forest**, **T1H Broadleaved deciduous plantation of non site-native trees**, **V39 Mesic perennial anthropogenic herbaceous vegetation**

Broad habitat

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

Distribution

Continentality amplitude: **6**

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