Angelica archangelica

Habitus and growth type

Plant height [m]: **1.09**
Life span: **Biennial or short-lived, Perennial**
Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm^2/mg]: **19.35**

Flower

Flowering period: **May-August**

Fruit, seed and dispersal

Seed mass [mg]: **4.29**
Dispersal mode: **Local non-specific dispersal, Anthropochory**
Dispersal distance class: **2, 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: **Slightly acidic to near-neutral**
Nutrient relationship: **Hypertrophic**
Salinity relationship: **Slightly saline or brackish**

Ellenberg-type indicator values

Light indicator value: **7.1**
Temperature indicator value: **4.6**
Moisture indicator value: **8.4**
Reaction indicator value: **6.3**
Nutrient indicator value: **8.3**
Salinity indicator value: **0.7**

Disturbance indicator values

Disturbance frequency: **0.82**

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Disturbance frequency (herb layer): **1.32**
Disturbance severity: **0.51**
Disturbance severity (herb layer): **0.42**
Mowing frequency: **0.33**
Grazing pressure: **0.15**
Soil disturbance: **0.14**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **CM (MOL) *Molinio-Arrhenatheretea*, HA (POP) *Alno glutinosae-Populetea albae*, QG (EPI) *Epilobietea angustifolii***

Broad habitat

Occurrence in broad habitats: **Wetland, Grassland (non-alpine, non-saline), Scrub, Forest, Synanthropic**

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