

# *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<sup>2</sup>/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**

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**