

Angelica sylvestris

Habitus and growth type

Plant height [m]: **0.99**

Life span: **Biennial or short-lived, Perennial**

Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm²/mg]: **26.54**

Flower

Flowering period: **May-August**

Fruit, seed and dispersal

Seed mass [mg]: **2.17**

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: **Wet**

Substrate reaction relationship: **Slightly acidic to near-neutral**

Nutrient relationship: **Eutrophic**

Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Reaction indicator value: **5.9**

Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.56**

Disturbance frequency (herb layer): **1.52**

Disturbance severity: **0.56**

Disturbance severity (herb layer): **0.4**

Mowing frequency: **0.36**

Grazing pressure: **0.18**

Soil disturbance: **0.15**

Habitat and sociology

EUNIS habitat

Diagnostic species of EUNIS habitats: [R35 Moist or wet mesotrophic to eutrophic hay meadow](#), [T12 Alnus glutinosa-Alnus incana forest on riparian and mineral soils](#), [T3H Larix light taiga](#)

Constant species of EUNIS habitats: [R35 Moist or wet mesotrophic to eutrophic hay meadow](#), [R37 Temperate and boreal moist or wet oligotrophic grassland](#), [R55 Lowland moist or wet tall-herb and fern fringe](#), [S38 Temperate forest clearing scrub](#), [S91 Temperate riparian scrub](#), [T11 Temperate Salix and Populus riparian forest](#), [T12 Alnus glutinosa-Alnus incana forest on riparian and mineral soils](#), [T13 Temperate hardwood riparian forest](#), [T3H Larix light taiga](#)

Broad habitat

Occurrence in broad habitats: **Wetland, Mire, Grassland (non-alpine, non-saline), Alpine-subalpine and arctic grassland, Scrub, Forest, Sparsely vegetated (incl. rock and scree), Synanthropic**

Distribution

Continentality amplitude: **6**