Heracleum sphondylium

Habitus and growth type

Plant height [m]: **1.18**
Life span: **Biennial or short-lived, Perennial**
Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm^2/mg]: **11.58**

Flower

Flowering period: **May-July**

Fruit, seed and dispersal

Seed mass [mg]: **6.22**
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: **7.1**
Temperature indicator value: **4.5**
Moisture indicator value: **5.5**
Reaction indicator value: **6.6**
Nutrient indicator value: **7.2**
Salinity indicator value: **0.1**

Disturbance indicator values

Disturbance frequency: **0.61**

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Disturbance frequency (herb layer): **1.55**
Disturbance severity: **0.56**
Disturbance severity (herb layer): **0.42**
Mowing frequency: **0.47**
Grazing pressure: **0.16**
Soil disturbance: **0.26**

Habitat and sociology

EUNIS habitat

Diagnostic species of EUNIS habitats: **R22 Low and medium altitude hay meadow, R23 Mountain hay meadow**
Constant species of EUNIS habitats: **R22 Low and medium altitude hay meadow, R23 Mountain hay meadow, R55 Lowland moist or wet tall-herb and fern fringe, R56 Montane to subalpine moist or wet tall-herb and fern fringe, S25 Subalpine and subarctic deciduous scrub, S37 Corylus avellana scrub, S38 Temperate forest clearing scrub, T11 Temperate Salix and Populus riparian forest, T1F Ravine forest, T3H Larix light taiga, V39 Mesic perennial anthropogenic herbaceous vegetation**

Broad habitat

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

Distribution

Continentality amplitude: **7**

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