

# *Aconitum napellus* aggr.

## Habitus and growth type

Plant height [m]: **1.05**

Life span: **Perennial**

Life form: **Hemicryptophyte, Geophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **20.28**

## Flower

Flowering period: **May-August**

## Fruit, seed and dispersal

Seed mass [mg]: **2.99**

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: **Alkaline**

Nutrient relationship: **Eutrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **6.8**

Temperature indicator value: **3.1**

Reaction indicator value: **6.9**

Nutrient indicator value: **6.6**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.5**

Disturbance frequency (herb layer): **1.2**

Disturbance severity: **0.47**

Disturbance severity (herb layer): **0.26**

Mowing frequency: **0.09**

Grazing pressure: **0.18**

Soil disturbance: **0.1**

## **Habitat and sociology**

EUNIS habitat

Diagnostic species of EUNIS habitats: [R56 Montane to subalpine moist or wet tall-herb and fern fringe](#), [S25 Subalpine and subarctic deciduous scrub](#)

Constant species of EUNIS habitats: [R56 Montane to subalpine moist or wet tall-herb and fern fringe](#), [S25 Subalpine and subarctic deciduous scrub](#)

Broad habitat

Occurrence in broad habitats: **Spring, Wetland, Grassland (non-alpine, non-saline), Alpine-subalpine and arctic grassland, Scrub, Forest**