

# *Aquilegia vulgaris*

## Habitus and growth type

Plant height [m]: **0.54**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **26.01**

## Flower

Flowering period: **May-August**

## Fruit, seed and dispersal

Seed mass [mg]: **1.45**

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: **Mesic**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Mesotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **6.3**

Temperature indicator value: **5.9**

Moisture indicator value: **4.8**

Reaction indicator value: **7.3**

Nutrient indicator value: **4.6**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.15**

Disturbance frequency (herb layer): **1.29**  
Disturbance severity: **0.64**  
Disturbance severity (herb layer): **0.2**  
Mowing frequency: **0.1**  
Grazing pressure: **0.21**  
Soil disturbance: **0.12**

## **Habitat and sociology**

### Syntaxon

Diagnostic species of phytosociological classes: [CA \(FAG\) \*Carpino-Fagetea sylvaticae\*](#)

### Broad habitat

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

## **Distribution**

Continentality: **5**  
Continentality amplitude: **3**