

Aquilegia vulgaris

Habitus and growth type

Plant height [m]: **0.54**

Life span: **Perennial**

Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm²/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**