

# *Hydrocotyle vulgaris*

## Habitus and growth type

Plant height [m]: **0.15**

Life span: **Perennial**

Life form: **Hemicryptophyte, Geophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **31.26**

## Flower

Flowering period: **April-July**

## Fruit, seed and dispersal

Seed mass [mg]: **0.43**

Dispersal mode: **Local non-specific dispersal**

Dispersal distance class: **1**

## 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: **Acidic**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Moisture indicator value: **8.9**

Nutrient indicator value: **2.8**

Salinity indicator value: **0.4**

### Disturbance indicator values

Disturbance frequency: **1.32**

Disturbance frequency (herb layer): **1.6**

Disturbance severity: **0.35**

Disturbance severity (herb layer): **0.32**

Mowing frequency: **0.26**

Grazing pressure: **0.24**

Soil disturbance: **0.17**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [IA \(ALN\) \*Alnetea glutinosae\*](#), [PA \(SCH\) \*Scheuchzerio palustris-Caricetea fuscae\*](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [N1H Atlantic and Baltic moist and wet dune slack](#), [P3f Oligotrophic-water vegetation](#)

Constant species of EUNIS habitats: [N1H Atlantic and Baltic moist and wet dune slack](#), [P3f Oligotrophic-water vegetation](#), [Q24 Intermediate fen and soft-water spring mire](#)

Dominant species of EUNIS habitats: [N1H Atlantic and Baltic moist and wet dune slack](#)

### Broad habitat

Occurrence in broad habitats: **Aquatic, Wetland, Mire, Grassland (non-alpine, non-saline), Forest**

## Distribution

Continentality: **4**

Continentality amplitude: **4**