

# *Hypericum montanum*

## Habitus and growth type

Plant height [m]: **0.46**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **24.6**

## Flower

Flowering period: **May-July**

## Fruit, seed and dispersal

Seed mass [mg]: **0.05**

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: **Dry**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **6**

Temperature indicator value: **5.8**

Moisture indicator value: **4**

Reaction indicator value: **7.1**

Nutrient indicator value: **2.7**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.08**

Disturbance frequency (herb layer): **1.33**  
Disturbance severity: **0.67**  
Disturbance severity (herb layer): **0.16**  
Mowing frequency: **0.05**  
Grazing pressure: **0.21**  
Soil disturbance: **0.11**

### **Habitat and sociology**

#### Syntaxon

Diagnostic species of phytosociological classes: [CB \(PUB\) \*Quercetea pubescentis\*](#), [CL \(GER\) \*Trifolio-Geranietea sanguinei\*](#)

#### Broad habitat

Occurrence in broad habitats: **Grassland (non-alpine, non-saline), Scrub, Forest**

### **Distribution**

Continentality: **4**  
Continentality amplitude: **4**