

# *Lysimachia vulgaris*

## Habitus and growth type

Plant height [m]: **0.84**

Life span: **Perennial**

Life form: **Hemicryptophyte, Geophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **26.37**

## Flower

Flowering period: **May-August**

## Fruit, seed and dispersal

Seed mass [mg]: **0.28**

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: **Slightly acidic to near-neutral**

Nutrient relationship: **Eutrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **6.8**

Temperature indicator value: **5.1**

Moisture indicator value: **8.6**

Reaction indicator value: **6.3**

Nutrient indicator value: **5.3**

Salinity indicator value: **0.1**

### Disturbance indicator values

Disturbance frequency: **0.64**

Disturbance frequency (herb layer): **1.49**  
Disturbance severity: **0.48**  
Disturbance severity (herb layer): **0.34**  
Mowing frequency: **0.33**  
Grazing pressure: **0.17**  
Soil disturbance: **0.13**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [CM \(MOL\) \*Molinio-Arrhenatheretea\*](#),  
[OD \(PHR\) \*Phragmito-Magnocaricetea\*](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [Q53 Tall-sedge bed](#), [R35 Moist or wet mesotrophic to eutrophic hay meadow](#), [S92 Salix fen scrub](#), [T12 Alnus glutinosa-Alnus incana forest on riparian and mineral soils](#), [T15 Broadleaved swamp forest on non-acid peat](#)

Constant species of EUNIS habitats: [Q22 Poor fen](#), [Q24 Intermediate fen and soft-water spring mire](#), [Q42 Extremely rich moss-sedge fen](#), [Q51 Tall-helophyte bed](#), [Q53 Tall-sedge bed](#), [R35 Moist or wet mesotrophic to eutrophic hay meadow](#), [R37 Temperate and boreal moist or wet oligotrophic grassland](#), [R55 Lowland moist or wet tall-herb and fern fringe](#), [S92 Salix fen scrub](#), [T11 Temperate Salix and Populus riparian forest](#), [T12 Alnus glutinosa-Alnus incana forest on riparian and mineral soils](#), [T13 Temperate hardwood riparian forest](#), [T15 Broadleaved swamp forest on non-acid peat](#), [T16 Broadleaved mire forest on acid peat](#)

### Broad habitat

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

## Distribution

Continentality amplitude: 7