

# *Lamium maculatum*

## Habitus and growth type

Plant height [m]: **0.35**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **31.62**

## Flower

Flowering period: **February-December**

## Fruit, seed and dispersal

Seed mass [mg]: **1.65**

Dispersal mode: **Myrmecochory**

Dispersal distance class: **3**

## 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: **Eutrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Moisture indicator value: **5.8**

Reaction indicator value: **6.9**

Nutrient indicator value: **7.6**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.26**

Disturbance frequency (herb layer): **1.33**

Disturbance severity: **0.66**

Disturbance severity (herb layer): **0.33**

Mowing frequency: **0.13**

Grazing pressure: **0.18**

Soil disturbance: **0.13**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [QG \(EPI\) \*Epilobietea angustifolii\*](#)

### EUNIS habitat

Constant species of EUNIS habitats: [T11 Temperate \*Salix\* and \*Populus\* riparian forest](#), [T12 \*Alnus glutinosa\*-\*Alnus incana\* forest on riparian and mineral soils](#), [V39 Mesic perennial anthropogenic herbaceous vegetation](#)

### Broad habitat

Occurrence in broad habitats: **Wetland, Scrub, Forest, Synanthropic**

## Distribution

Continentality: **5**

Continentality amplitude: **4**