

# *Lycopus exaltatus*

## Habitus and growth type

Plant height [m]: **1.05**

Life span: **Perennial**

Life form: **Hemicryptophyte, Geophyte**

## Flower

Flowering period: **June-September**

## Fruit, seed and dispersal

Seed mass [mg]: **0.6**

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: **Wet**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Eutrophic**

Salinity relationship: **Slightly saline or brackish**

### Ellenberg-type indicator values

Light indicator value: **7.1**

Temperature indicator value: **6.3**

Moisture indicator value: **8.7**

Reaction indicator value: **7**

Nutrient indicator value: **6.5**

Salinity indicator value: **0.8**

### Disturbance indicator values

Disturbance frequency: **1.02**

Disturbance frequency (herb layer): **1.67**

Disturbance severity: **0.55**

Disturbance severity (herb layer): **0.48**

Mowing frequency: **0.43**

Grazing pressure: **0.21**

Soil disturbance: **0.18**

## **Habitat and sociology**

Syntaxon

Diagnostic species of phytosociological classes: [HB \(PUR\) \*Salicetea purpureae\*](#)

Broad habitat

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

## **Distribution**

Continentality: **8**

Continentality amplitude: **5**