

Pulmonaria longifolia

Habitus and growth type

Plant height [m]: **0.25**

Life span: **Perennial**

Life form: **Hemicryptophyte**

Fruit, seed and dispersal

Seed mass [mg]: **4.54**

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: **Dry**

Substrate reaction relationship: **Slightly acidic to near-neutral**

Nutrient relationship: **Mesotrophic**

Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **7**

Moisture indicator value: **4.5**

Reaction indicator value: **5.3**

Nutrient indicator value: **4.3**

Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.12**

Disturbance frequency (herb layer): **1.36**

Disturbance severity: **0.64**

Disturbance severity (herb layer): **0.18**

Mowing frequency: **0.09**

Grazing pressure: **0.21**

Soil disturbance: **0.1**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: [CA \(FAG\) *Carpino-Fagetea sylvaticae*](#), [CB \(PUB\) *Quercetea pubescentis*](#), [CC \(QUE\) *Quercetea robori-petraeae*](#), [CL \(GER\) *Trifolio-Geranietea sanguinei*](#)

EUNIS habitat

Diagnostic species of EUNIS habitats: [R52 Forest fringe of acidic nutrient-poor soils](#)

Broad habitat

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