Ligusticum mutellina

Habitus and growth type

Plant height [m]: **0.29**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm^2/mg]: **23**

Flower

Flowering period: **June-August**

Fruit, seed and dispersal

Seed mass [mg]: **3.5**
Dispersal mode: **Endozoochory**
Dispersal distance class: **6**

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: **Slightly acidic to near-neutral**
Nutrient relationship: **Mesotrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **7.3**
Temperature indicator value: **2.3**
Moisture indicator value: **6.1**
Reaction indicator value: **5**
Nutrient indicator value: **3.5**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **1.1**

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Disturbance frequency (herb layer): **1.29**
Disturbance severity: **0.3**
Disturbance severity (herb layer): **0.27**
Mowing frequency: **0.04**
Grazing pressure: **0.23**
Soil disturbance: **0.1**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **CU (SES) *Elyno-Seslerietea***

EUNIS habitat

Diagnostic species of EUNIS habitats: **Q23 Relict mire of Mediterranean mountains**, **R41 Snow-bed vegetation**, **R43 Temperate acidophilous alpine grassland**

Constant species of EUNIS habitats: **Q23 Relict mire of Mediterranean mountains**, **R41 Snow-bed vegetation**, **R43 Temperate acidophilous alpine grassland**, **R56 Montane to subalpine moist or wet tall-herb and fern fringe**, **S21 Subarctic and alpine dwarf Salix scrub**, **S25 Subalpine and subarctic deciduous scrub**

Broad habitat

Occurrence in broad habitats: **Spring, Mire, Grassland (non-alpine, non-saline), Alpine-subalpine and arctic grassland, Heathland, Scrub, Sparsely vegetated (incl. rock and scree)**

Distribution

Continentality: **5**
Continentality amplitude: **3**

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