Luzula sylvatica

Habitus and growth type

Plant height [m]: **0.55**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm^2/mg]: **16.45**

Flower

Flowering period: **March-July**

Fruit, seed and dispersal

Seed mass [mg]: **0.62**
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: **Acidic**
Nutrient relationship: **Mesotrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Reaction indicator value: **3**
Nutrient indicator value: **3.7**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.08**
Disturbance frequency (herb layer): **1.13**
Disturbance severity: **0.64**
Disturbance severity (herb layer): **0.14**

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Mowing frequency: **0.02**
Grazing pressure: **0.2**
Soil disturbance: **0.1**

Habitat and sociology

EUNIS habitat

Diagnostic species of EUNIS habitats: **S26 Subalpine Pinus mugo scrub**, **T31 Temperate mountain Picea forest**, **T34 Temperate subalpine Larix, Pinus cembra and Pinus uncinata forest**, **T39 Mediterranean and Balkan subalpine Pinus heldreichii-Pinus peuce forest**

Constant species of EUNIS habitats: **R56 Montane to subalpine moist or wet tall-herb and fern fringe**, **S25 Subalpine and subarctic deciduous scrub**, **S26 Subalpine Pinus mugo scrub**, **T18 Fagus forest on acid soils**, **T31 Temperate mountain Picea forest**, **T32 Temperate mountain Abies forest**, **T33 Mediterranean mountain Abies forest**, **T34 Temperate subalpine Larix, Pinus cembra and Pinus uncinata forest**, **T39 Mediterranean and Balkan subalpine Pinus heldreichii-Pinus peuce forest**

Broad habitat

Occurrence in broad habitats: **Grassland (non-alpine, non-saline), Alpine-subalpine and arctic grassland, Oromediterranean scrub, Scrub, Forest, Synanthropic**

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