

Luzula lutea

Habitus and growth type

Plant height [m]: **0.2**

Life span: **Perennial**

Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm²/mg]: **1.23**

Flower

Flowering period: **June-August**

Fruit, seed and dispersal

Seed mass [mg]: **0.33**

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: **Acidic**

Nutrient relationship: **Mesotrophic**

Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **7.5**

Temperature indicator value: **2.3**

Moisture indicator value: **4**

Reaction indicator value: **2.5**

Nutrient indicator value: **4.5**

Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **1.25**

Disturbance frequency (herb layer): **1.48**

Disturbance severity: **0.3**

Disturbance severity (herb layer): **0.28**

Mowing frequency: **0.01**

Grazing pressure: **0.24**

Soil disturbance: **0.08**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: [CT \(TR1\) *Juncetea trifidi*](#)

EUNIS habitat

Diagnostic species of EUNIS habitats: [R43 Temperate acidophilous alpine grassland](#)

Broad habitat

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