Linum catharticum

Habitus and growth type

Plant height [m]: **0.14**
Life span: **Annual, Biennial or short-lived**
Life form: **Hemicryptophyte, Therophyte**

Leaf

Specific leaf area [mm^2/mg]: **29.12**

Flower

Flowering period: **April-August**

Fruit, seed and dispersal

Seed mass [mg]: **0.15**
Dispersal mode: **Local non-specific dispersal**
Dispersal distance class: **1**

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: **Alkaline**
Nutrient relationship: **Oligotrophic**
Salinity relationship: **Slightly saline or brackish**

Ellenberg-type indicator values

Light indicator value: **7.5**
Temperature indicator value: **4.9**
Reaction indicator value: **6.8**
Nutrient indicator value: **2.1**
Salinity indicator value: **0.6**

Disturbance indicator values

Disturbance frequency: **1.6**
Disturbance frequency (herb layer): **1.93**

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Disturbance severity: **0.47**
Disturbance severity (herb layer): **0.46**
Mowing frequency: **0.8**
Grazing pressure: **0.29**
Soil disturbance: **0.18**

Habitat and sociology

EUNIS habitat

Diagnostic species of EUNIS habitats: **Q43 Tall-sedge base-rich fen**, **R1A Semi-dry perennial calcareous grassland (meadow steppe)**
Constant species of EUNIS habitats: **N1H Atlantic and Baltic moist and wet dune slack**, **Q41 Alkaline, calcareous, carbonate-rich small-sedge spring fen**, **Q43 Tall-sedge base-rich fen**, **R1A Semi-dry perennial calcareous grassland (meadow steppe)**, **R37 Temperate and boreal moist or wet oligotrophic grassland**, **R44 Arctic-alpine calcareous grassland**

Broad habitat

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

Distribution

Continentality amplitude: **5**

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