

# *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<sup>2</sup>/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**

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: [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**