

# ***Silene multiflora***

## **Habitus and growth type**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## **Fruit, seed and dispersal**

Seed mass [mg]: **0.16**

Dispersal mode: **Local non-specific dispersal**

Dispersal distance class: **2**

## **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: **8.3**

Moisture indicator value: **5.5**

Reaction indicator value: **8**

Nutrient indicator value: **3**

Salinity indicator value: **3.5**

### **Disturbance indicator values**

Disturbance frequency: **2.15**

Disturbance frequency (herb layer): **2.15**

Disturbance severity: **0.5**

Disturbance severity (herb layer): **0.5**

Mowing frequency: **1.24**

Grazing pressure: **0.31**

Soil disturbance: **0.22**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [CM \(MOL\) \*Molinio-Arrhenatheretea\*](#),  
[DB \(FEP\) \*Festuco-Puccinellietea\*](#)

### Broad habitat

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