

# *Silene uniflora*

## Habitus and growth type

Plant height [m]: **0.3**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **21.02**

## Fruit, seed and dispersal

Seed mass [mg]: **0.81**

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: **Slightly acidic to near-neutral**

Nutrient relationship: **Mesotrophic**

Salinity relationship: **Saline**

### Ellenberg-type indicator values

Light indicator value: **8**

Temperature indicator value: **5.5**

Moisture indicator value: **5.6**

Reaction indicator value: **5.8**

Nutrient indicator value: **4.4**

Salinity indicator value: **4.5**

### Disturbance indicator values

Disturbance frequency: **1.43**

Disturbance frequency (herb layer): **1.56**

Disturbance severity: **0.46**

Disturbance severity (herb layer): **0.43**

Mowing frequency: **0.33**

Grazing pressure: **0.27**

Soil disturbance: **0.37**

## **Habitat and sociology**

### EUNIS habitat

Diagnostic species of EUNIS habitats: [N31 Atlantic and Baltic rocky sea cliff and shore](#), [N34 Atlantic and Baltic soft sea cliff](#), [U61 Subarctic volcanic field](#)

Constant species of EUNIS habitats: [N31 Atlantic and Baltic rocky sea cliff and shore](#), [N34 Atlantic and Baltic soft sea cliff](#), [U61 Subarctic volcanic field](#)

### Broad habitat

Occurrence in broad habitats: **Coastal beach, dune or shingle, Coastal cliff, Grassland (non-alpine, non-saline), Sparsely vegetated (incl. rock and scree)**