

# ***Silene nocturna* aggr.**

## **Habitus and growth type**

Plant height [m]: **0.29**

Life span: **Annual**

Life form: **Therophyte**

## **Leaf**

Specific leaf area [mm<sup>2</sup>/mg]: **16.85**

## **Flower**

Flowering period: **March-May**

## **Fruit, seed and dispersal**

Seed mass [mg]: **0.19**

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: **Dry**

Substrate reaction relationship: **Slightly acidic to near-neutral**

Nutrient relationship: **Mesotrophic**

Salinity relationship: **Non-saline**

### **Ellenberg-type indicator values**

Light indicator value: **7.8**

Temperature indicator value: **9.1**

Moisture indicator value: **2.8**

Reaction indicator value: **6.7**

Nutrient indicator value: **5.7**

Salinity indicator value: **0.3**

### **Disturbance indicator values**

Disturbance frequency: **0.93**

Disturbance frequency (herb layer): **1.63**

Disturbance severity: **0.77**

Disturbance severity (herb layer): **0.67**

Mowing frequency: **0.37**

Grazing pressure: **0.28**

Soil disturbance: **0.35**

## **Habitat and sociology**

### Broad habitat

Occurrence in broad habitats: **Grassland (non-alpine, non-saline), Sparsely vegetated (incl. rock and scree), Synanthropic**