

# ***Digitalis grandiflora***

## **Habitus and growth type**

Plant height [m]: **0.65**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## **Leaf**

Specific leaf area [mm<sup>2</sup>/mg]: **26.32**

## **Flower**

Flowering period: **May-August**

## **Fruit, seed and dispersal**

Seed mass [mg]: **0.17**

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

Dispersal distance class: **2, 7**

## **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: **Non-saline**

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

Light indicator value: **6.3**

Temperature indicator value: **4.3**

Moisture indicator value: **5.2**

Reaction indicator value: **5.6**

Nutrient indicator value: **5.2**

Salinity indicator value: **0**

### **Disturbance indicator values**

Disturbance frequency: **0.12**

Disturbance frequency (herb layer): **1.32**

Disturbance severity: **0.65**

Disturbance severity (herb layer): **0.19**

Mowing frequency: **0.07**

Grazing pressure: **0.2**

Soil disturbance: **0.12**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [\*\*BC \(BRA\) \*Brachypodio pinnati-Betuletea pendulae\*\*\*](#), [\*\*QG \(EPI\) \*Epilobietea angustifolii\*\*\*](#)

### Broad habitat

Occurrence in broad habitats: **Spring, Grassland (non-alpine, non-saline), Alpine-subalpine and arctic grassland, Scrub, Forest, Synanthropic**

## Distribution

Continentality: **6**

Continentality amplitude: **3**