Digitalis grandiflora

Habitus and growth type

Plant height [m]: **0.65**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm^2/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**

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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**

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