Dianthus superbus

Habitus and growth type

Plant height [m]: **0.42**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm^2/mg]: **22.61**

Flower

Flowering period: **April-August**

Fruit, seed and dispersal

Seed mass [mg]: **0.56**
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: **Wet**
Substrate reaction relationship: **Alkaline**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **7.5**
Temperature indicator value: **4.3**
Moisture indicator value: **6.8**
Reaction indicator value: **7.2**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.89**
Disturbance frequency (herb layer): **1.65**
Disturbance severity: **0.45**

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Disturbance severity (herb layer): **0.37**
Mowing frequency: **0.43**
Grazing pressure: **0.22**
Soil disturbance: **0.15**

Habitat and sociology

Broad habitat

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

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