

Cephalaria gigantea

Habitus and growth type

Plant height [m]: **1.38**

Life span: **Perennial**

Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm²/mg]: **17.3**

Flower

Flowering period: **June-August**

Fruit, seed and dispersal

Seed mass [mg]: **17.09**

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: **Dry**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Eutrophic**

Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **7**

Temperature indicator value: **6**

Moisture indicator value: **4**

Reaction indicator value: **8**

Nutrient indicator value: **6**

Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.95**

Disturbance frequency (herb layer): **1.69**

Disturbance severity: **0.51**

Disturbance severity (herb layer): **0.42**

Mowing frequency: **0.55**

Grazing pressure: **0.25**

Soil disturbance: **0.13**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: [**CR \(VIR\) *Betulo carpaticae-Alnetea viridis***](#)

Broad habitat

Occurrence in broad habitats: **Grassland (non-alpine, non-saline), Scrub**