Cortusa matthioli

Habitus and growth type

Plant height [m]: **0.23**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Flower

Flowering period: **June-July**

Fruit, seed and dispersal

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: **Mesic**
Substrate reaction relationship: **Alkaline**
Nutrient relationship: **Eutrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **5.5**
Temperature indicator value: **3.4**
Moisture indicator value: **6.2**
Reaction indicator value: **6.8**
Nutrient indicator value: **6.3**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.19**
Disturbance frequency (herb layer): **1.18**
Disturbance severity: **0.58**
Disturbance severity (herb layer): **0.19**
Mowing frequency: **0.04**

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Grazing pressure: **0.19**
Soil disturbance: **0.1**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **CR (VIR) *Betulo carpaticae-Alnetea viridis*, CS (MUL) *Mulgedio-Aconitetea***

Broad habitat

Occurrence in broad habitats: **Spring, Alpine-subalpine and arctic grassland, Scrub, Sparsely vegetated (incl. rock and scree)**

Distribution

Continentality: **7**
Continentality amplitude: **2**

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