# *Scabiosa ochroleuca*

### Habitus and growth type

Plant height [m]: **0.43**
Life span: **Perennial**
Life form: **Hemicryptophyte**

### Leaf

Specific leaf area [$mm^2$/mg]: **11.67**

### Flower

Flowering period: **June-September**

### Fruit, seed and dispersal

Seed mass [mg]: **1.7**
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: **Oligotrophic**
Salinity relationship: **Non-saline**

#### Ellenberg-type indicator values

Light indicator value: **7.9**
Temperature indicator value: **6.7**
Moisture indicator value: **3.2**
Reaction indicator value: **8**
Nutrient indicator value: **2.8**
Salinity indicator value: **0**

#### Disturbance indicator values

Disturbance frequency: **1.33**

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Disturbance frequency (herb layer): **1.8**
Disturbance severity: **0.47**
Disturbance severity (herb layer): **0.45**
Mowing frequency: **0.58**
Grazing pressure: **0.3**
Soil disturbance: **0.15**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: **DA (FES) *Festuco-Brometea***

### EUNIS habitat

Diagnostic species of EUNIS habitats: **R15 Continental dry rocky steppic grassland and dwarf scrub on chalk outcrops**, **R16 Perennial rocky grassland of Central and South-Eastern Europe**, **R1B Continental dry grassland (true steppe)**, **S36 Low steppic scrub**
Constant species of EUNIS habitats: **R15 Continental dry rocky steppic grassland and dwarf scrub on chalk outcrops**, **R16 Perennial rocky grassland of Central and South-Eastern Europe**, **R1A Semi-dry perennial calcareous grassland (meadow steppe)**, **R1B Continental dry grassland (true steppe)**, **S36 Low steppic scrub**

### Broad habitat

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

## Distribution

Continentality: **8**
Continentality amplitude: **4**

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