

# ***Scabiosa columbaria* aggr.**

## **Habitus and growth type**

Plant height [m]: **0.44**

Life span: **Perennial**

Life form: **Hemicryptophyte**

Spinescence: **not spinescent**

## **Leaf**

Specific leaf area [mm<sup>2</sup>/mg]: **17.42**

## **Flower**

Flowering period: **May-September**

## **Fruit, seed and dispersal**

Seed mass [mg]: **1.99**

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: **8.1**

Moisture indicator value: **3.3**

Reaction indicator value: **7.2**

Nutrient indicator value: **2.2**

Salinity indicator value: **0**

### **Disturbance indicator values**

Disturbance frequency: **0.93**

Disturbance frequency (herb layer): **1.75**  
Disturbance severity: **0.51**  
Disturbance severity (herb layer): **0.44**  
Mowing frequency: **0.61**  
Grazing pressure: **0.29**  
Soil disturbance: **0.16**

## Habitat and sociology

### EUNIS habitat

Diagnostic species of EUNIS habitats: [R17 Heavy-metal dry grassland of the Balkans](#), [R18 Perennial rocky calcareous grassland of subatlantic-submediterranean Europe](#), [R1A Semi-dry perennial calcareous grassland \(meadow steppe\)](#)

Constant species of EUNIS habitats: [R17 Heavy-metal dry grassland of the Balkans](#), [R18 Perennial rocky calcareous grassland of subatlantic-submediterranean Europe](#), [R1A Semi-dry perennial calcareous grassland \(meadow steppe\)](#), [S24 Subalpine genistoid scrub of the Amphi-Adriatic region](#), [T36 Temperate and submediterranean montane Pinus sylvestris-Pinus nigra forest](#), [T39 Mediterranean and Balkan subalpine Pinus heldreichii-Pinus peuce forest](#), [U72 Unvegetated or sparsely vegetated gravel bar in the Mediterranean region](#)

### Broad habitat

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