

# ***Knautia integrifolia***

## **Habitus and growth type**

Plant height [m]: **0.46**

Life span: **Annual**

Life form: **Therophyte**

## **Flower**

Flowering period: **May-August**

## **Fruit, seed and dispersal**

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: **Mesotrophic**

Salinity relationship: **Non-saline**

### **Ellenberg-type indicator values**

Light indicator value: **7**

Temperature indicator value: **9**

Moisture indicator value: **3.5**

Reaction indicator value: **7**

Nutrient indicator value: **5.5**

Salinity indicator value: **0**

### **Disturbance indicator values**

Disturbance frequency: **0.84**

Disturbance frequency (herb layer): **1.78**

Disturbance severity: **0.74**

Disturbance severity (herb layer): **0.59**

Mowing frequency: **0.36**

Grazing pressure: **0.26**

Soil disturbance: **0.37**

## **Habitat and sociology**

### Syntaxon

Diagnostic species of phytosociological classes: [QC \(CHE\) \*Chenopodietea\*](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [S72 Eastern Mediterranean spiny heath \(phrygana\)](#)

Constant species of EUNIS habitats: [S72 Eastern Mediterranean spiny heath \(phrygana\)](#)

### Broad habitat

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