

# *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**