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**

© 2014–2026 Pladias – Citation: Pladias – Database of the Czech Flora and Vegetation. www.pladias.cz

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**

© 2014–2026 Pladias – Citation: Pladias – Database of the Czech Flora and Vegetation. www.pladias.cz