Stachys annua

Habitus and growth type

Plant height [m]: **0.21**
Life span: **Annual**
Life form: **Therophyte**

Leaf

Specific leaf area [mm^2/mg]: **20.9**

Flower

Flowering period: **April-August**

Fruit, seed and dispersal

Seed mass [mg]: **1.04**
Dispersal mode: **Local non-specific dispersal, Anthropochory**
Dispersal distance class: **1, 7**

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: **7.2**
Temperature indicator value: **6.1**
Moisture indicator value: **3.4**
Reaction indicator value: **8**
Nutrient indicator value: **4.6**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **1.77**

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Disturbance frequency (herb layer): **1.97**
Disturbance severity: **0.82**
Disturbance severity (herb layer): **0.82**
Mowing frequency: **0.57**
Grazing pressure: **0.15**
Soil disturbance: **0.75**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **QA (PAR) *Papaveretea rhoeadis***

EUNIS habitat

Diagnostic species of EUNIS habitats: **V13 Arable land with unmixed crops grown by low-intensity agricultural methods**

Broad habitat

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

Distribution

Continentality: **6**
Continentality amplitude: **5**

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