Helianthus annuus

Habitus and growth type

Plant height [m]: **2.17**
Life span: **Annual**
Life form: **Therophyte**

Leaf

Specific leaf area [mm^2/mg]: **19.43**

Flower

Flowering period: **June-October**

Fruit, seed and dispersal

Seed mass [mg]: **38.8**
Dispersal mode: **Local non-specific dispersal, Anthropochory**
Dispersal distance class: **2, 7**

Trophic mode

Parasitism and mycoheterotrophy: **autotroph**
Carnivory: **non-carnivorous**
Symbiotic nitrogen fixation: **no nitrogen-fixing symbionts**

Taxon origin

Origin in Europe: **neophyte**

Ecology

Environmental relationships

Substrate humidity relationship: **Mesic**
Substrate reaction relationship: **Slightly acidic to near-neutral**
Nutrient relationship: **Eutrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **7.8**
Moisture indicator value: **5.3**
Reaction indicator value: **6.3**
Nutrient indicator value: **7.3**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **2.26**
Disturbance frequency (herb layer): **2.26**

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Disturbance severity: **0.8**
Disturbance severity (herb layer): **0.8**
Mowing frequency: **0.7**
Grazing pressure: **0.17**
Soil disturbance: **0.75**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **QB (SIS) *Sisymbrietea***

EUNIS habitat

Diagnostic species of EUNIS habitats: **V12 Mixed crops of market gardens and horticulture**

Broad habitat

Occurrence in broad habitats: **Synanthropic**

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