Xanthium spinosum

Habitus and growth type

Plant height [m]: **0.55**
Life span: **Annual**
Life form: **Therophyte**

Leaf

Specific leaf area [mm^2/mg]: **16.54**

Flower

Flowering period: **June-October**

Fruit, seed and dispersal

Seed mass [mg]: **177.83**
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 reaction relationship: **Slightly acidic to near-neutral**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **8.1**
Temperature indicator value: **8**
Moisture indicator value: **4.2**
Reaction indicator value: **6.5**
Salinity indicator value: **0.4**

Disturbance indicator values

Disturbance frequency: **1.78**
Disturbance frequency (herb layer): **1.93**
Disturbance severity: **0.81**
Disturbance severity (herb layer): **0.8**

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Mowing frequency: **0.79**
Grazing pressure: **0.16**
Soil disturbance: **0.64**

Habitat and sociology

Syntaxon

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

Broad habitat

Occurrence in broad habitats: **Sparsely vegetated (incl. rock and scree), Synanthropic**

Distribution

Continentality amplitude: **8**

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