Datura stramonium

Habitus and growth type

Plant height [m]: **1.01**
Life span: **Annual**
Life form: **Therophyte**

Leaf

Specific leaf area [mm^2/mg]: **28.3**

Flower

Flowering period: **June-October**

Fruit, seed and dispersal

Seed mass [mg]: **8.67**
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: **Dry**
Substrate reaction relationship: **Alkaline**
Nutrient relationship: **Eutrophic**
Salinity relationship: **Slightly saline or brackish**

Ellenberg-type indicator values

Light indicator value: **8.1**
Reaction indicator value: **6.6**
Nutrient indicator value: **7.9**
Salinity indicator value: **0.7**

Disturbance indicator values

Disturbance frequency: **1.65**
Disturbance frequency (herb layer): **2.01**
Disturbance severity: **0.85**

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Disturbance severity (herb layer): **0.84**
Mowing frequency: **0.84**
Grazing pressure: **0.13**
Soil disturbance: **0.72**

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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