Xanthium orientale

Habitus and growth type

Plant height [m]: **0.72**
Life span: **Annual**
Life form: **Therophyte**

Leaf

Specific leaf area [mm^2/mg]: **13.27**

Flower

Flowering period: **June-October**

Fruit, seed and dispersal

Seed mass [mg]: **395.86**
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: **Wet**
Substrate reaction relationship: **Alkaline**
Nutrient relationship: **Eutrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **7.9**
Moisture indicator value: **6.9**
Reaction indicator value: **6.8**
Nutrient indicator value: **7**
Salinity indicator value: **0.2**

Disturbance indicator values

Disturbance frequency: **1.51**
Disturbance frequency (herb layer): **1.74**

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Disturbance severity: **0.65**
Disturbance severity (herb layer): **0.64**
Mowing frequency: **0.24**
Grazing pressure: **0.18**
Soil disturbance: **0.49**

Habitat and sociology

EUNIS habitat

Diagnostic species of EUNIS habitats: **N12 Mediterranean and Black Sea sand beach**
Constant species of EUNIS habitats: **N12 Mediterranean and Black Sea sand beach**

Broad habitat

Occurrence in broad habitats: **Coastal beach, dune or shingle, Wetland, Scrub, Sparsely vegetated (incl. rock and scree), Synanthropic**

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