

# *Xanthium orientale*

## Habitus and growth type

Plant height [m]: **0.72**

Life span: **Annual**

Life form: **Therophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/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**

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](#),  
[S94 Semi-desert riparian scrub](#)

Broad habitat

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