

# *Ambrosia artemisiifolia*

## Habitus and growth type

Plant height [m]: **0.86**

Life span: **Annual**

Life form: **Therophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **22.81**

## Flower

Flowering period: **June-September**

## Fruit, seed and dispersal

Seed mass [mg]: **4.21**

Dispersal mode: **Anemochory, Anthropochory**

Dispersal distance class: **5, 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: **Alkaline**

Nutrient relationship: **Eutrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **8.9**

Temperature indicator value: **7.2**

Moisture indicator value: **4**

Reaction indicator value: **7.6**

Nutrient indicator value: **6.2**

Salinity indicator value: **0.2**

### Disturbance indicator values

Disturbance frequency: **1.57**

Disturbance frequency (herb layer): **1.86**

Disturbance severity: **0.74**

Disturbance severity (herb layer): **0.73**

Mowing frequency: **0.7**

Grazing pressure: **0.19**

Soil disturbance: **0.55**

## **Habitat and sociology**

### Syntaxon

Diagnostic species of phytosociological classes: [QB \(SIS\) Sisymbrietea](#)

### Broad habitat

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

## **Distribution**

Continentality: 7

Continentality amplitude: 7