

# *Amaranthus albus*

## Habitus and growth type

Plant height [m]: **0.41**

Life span: **Annual**

Life form: **Therophyte**

## Flower

Flowering period: **May-September**

## Fruit, seed and dispersal

Seed mass [mg]: **0.32**

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: **8.4**

Moisture indicator value: **3.7**

Reaction indicator value: **7**

Nutrient indicator value: **7.3**

Salinity indicator value: **0.8**

### Disturbance indicator values

Disturbance frequency: **1.77**

Disturbance frequency (herb layer): **1.92**

Disturbance severity: **0.78**

Disturbance severity (herb layer): **0.78**

Mowing frequency: **0.61**

Grazing pressure: **0.15**

Soil disturbance: **0.61**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [QD \(DIG\) \*Digitario sanguinalis\*-\*Eragrostietea minoris\*](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [S68 Semi-desert sand dune with sparse scrub](#)

Constant species of EUNIS habitats: [S68 Semi-desert sand dune with sparse scrub](#)

### Broad habitat

Occurrence in broad habitats: **Semi-desert, Synanthropic**

## Distribution

Continentality: **6**

Continentality amplitude: **6**