

# *Amaranthus blitoides*

## Habitus and growth type

Plant height [m]: **0.33**

Life span: **Annual**

Life form: **Therophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **19.1**

## Flower

Flowering period: **June-September**

## Fruit, seed and dispersal

Seed mass [mg]: **1.08**

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: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **8.8**

Moisture indicator value: **3.8**

Reaction indicator value: **7.2**

Nutrient indicator value: **8**

Salinity indicator value: **0.3**

### Disturbance indicator values

Disturbance frequency: **1.73**

Disturbance frequency (herb layer): **2.02**

Disturbance severity: **0.82**

Disturbance severity (herb layer): **0.81**

Mowing frequency: **0.93**

Grazing pressure: **0.15**

Soil disturbance: **0.66**

## **Habitat and sociology**

### Syntaxon

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

### EUNIS habitat

Diagnostic species of EUNIS habitats: [V34 Trampled xeric grassland with annuals](#)

### Broad habitat

Occurrence in broad habitats: **Synanthropic**

## **Distribution**

Continentality: **6**

Continentality amplitude: **6**