

# ***Amaranthus blitum***

## **Habitus and growth type**

Plant height [m]: **0.38**

Life span: **Annual**

Life form: **Therophyte**

## **Leaf**

Specific leaf area [mm<sup>2</sup>/mg]: **35.86**

## **Flower**

Flowering period: **June-October**

## **Fruit, seed and dispersal**

Seed mass [mg]: **0.46**

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: **native**

## **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: **7.9**

Moisture indicator value: **4.4**

Reaction indicator value: **6.8**

Nutrient indicator value: **7.9**

Salinity indicator value: **0.3**

### **Disturbance indicator values**

Disturbance frequency: **1.19**

Disturbance frequency (herb layer): **1.79**

Disturbance severity: **0.81**

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

Mowing frequency: **0.64**

Grazing pressure: **0.16**

Soil disturbance: **0.69**

## Habitat and sociology

### Syntaxon

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

### Broad habitat

Occurrence in broad habitats: **Synanthropic**

## Distribution

Continentality amplitude: **8**