

# *Amaranthus graecizans*

## Habitus and growth type

Plant height [m]: **0.4**

Life span: **Annual**

Life form: **Therophyte**

## Flower

Flowering period: **June-September**

## Fruit, seed and dispersal

Seed mass [mg]: **0.71**

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: **8.5**

Moisture indicator value: **4.1**

Reaction indicator value: **7.8**

Nutrient indicator value: **7.9**

Salinity indicator value: **0.1**

### Disturbance indicator values

Disturbance frequency: **2.16**

Disturbance frequency (herb layer): **2.16**

Disturbance severity: **0.85**

Disturbance severity (herb layer): **0.85**

Mowing frequency: **0.98**

Grazing pressure: **0.16**

Soil disturbance: **0.74**

### **Habitat and sociology**

Broad habitat

Occurrence in broad habitats: **Synanthropic**

### **Distribution**

Continentality amplitude: **10**