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**

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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**

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