

Amaranthus retroflexus

Habitus and growth type

Plant height [m]: **0.76**

Life span: **Annual**

Life form: **Therophyte**

Leaf

Specific leaf area [mm²/mg]: **16.16**

Flower

Flowering period: **May-October**

Fruit, seed and dispersal

Seed mass [mg]: **0.42**

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**

Moisture indicator value: **4.6**

Reaction indicator value: **7**

Nutrient indicator value: **7.9**

Salinity indicator value: **0.6**

Disturbance indicator values

Disturbance frequency: **1.89**

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

Disturbance severity: **0.84**

Disturbance severity (herb layer): **0.84**

Mowing frequency: **0.77**

Grazing pressure: **0.13**

Soil disturbance: **0.75**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: [QB \(SIS\) *Sisymbrietea*](#)

EUNIS habitat

Diagnostic species of EUNIS habitats: [V12 Mixed crops of market gardens and horticulture](#), [V15 Bare tilled, fallow or recently abandoned arable land](#), [V34 Trampled xeric grassland with annuals](#), [V37 Annual anthropogenic herbaceous vegetation](#)

Constant species of EUNIS habitats: [V12 Mixed crops of market gardens and horticulture](#), [V15 Bare tilled, fallow or recently abandoned arable land](#), [V34 Trampled xeric grassland with annuals](#), [V37 Annual anthropogenic herbaceous vegetation](#)

Broad habitat

Occurrence in broad habitats: **Wetland, Sparsely vegetated (incl. rock and scree), Synanthropic**

Distribution

Continentality: **6**

Continentality amplitude: **6**