Amaranthus retroflexus

Habitus and growth type

Plant height [m]: **0.76**
Life span: **Annual**
Life form: **Therophyte**

Leaf

Specific leaf area [mm^2/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**

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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**

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