

Amaranthus hybridus aggr.

Habitus and growth type

Plant height [m]:

Life span: **Annual**

Life form: **Therophyte**

Leaf

Specific leaf area [mm²/mg]: **15.84**

Flower

Flowering period: **May-October**

Fruit, seed and dispersal

Seed mass [mg]: **0.45**

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: **8.1**

Moisture indicator value: **4.6**

Reaction indicator value: **7.1**

Nutrient indicator value: **7.3**

Salinity indicator value: **0.5**

Disturbance indicator values

Disturbance frequency: **1.84**

Disturbance frequency (herb layer): **2**

Disturbance severity: **0.84**

Disturbance severity (herb layer): **0.83**

Mowing frequency: **0.76**

Grazing pressure: **0.14**

Soil disturbance: **0.76**

Habitat and sociology

Broad habitat

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

Distribution

Continentality amplitude: **10**