Alcea rosea

Habitus and growth type

Plant height [m]: **1.84**
Life span: **Biennial or short-lived**
Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm^2/mg]: **14.45**

Flower

Flowering period: **April-August**

Fruit, seed and dispersal

Seed mass [mg]: **8.94**
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**
Temperature indicator value: **7.1**
Moisture indicator value: **4.3**
Reaction indicator value: **6.5**
Nutrient indicator value: **6.5**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **1.3**

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Disturbance frequency (herb layer): **1.89**
Disturbance severity: **0.77**
Disturbance severity (herb layer): **0.74**
Mowing frequency: **0.66**
Grazing pressure: **0.2**
Soil disturbance: **0.54**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **QF (ART) *Artemisietea vulgaris***

Broad habitat

Occurrence in broad habitats: **Synanthropic**

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