Malva alcea

Habitus and growth type

Plant height [m]: **0.67**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm^2/mg]: **27.58**

Flower

Flowering period: **May-September**

Fruit, seed and dispersal

Seed mass [mg]: **2.95**
Dispersal mode: **Local non-specific dispersal**
Dispersal distance class: **2**

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, Wet**
Substrate reaction relationship: **Alkaline**
Nutrient relationship: **Eutrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **8**
Temperature indicator value: **6.2**
Moisture indicator value: **4.2**
Reaction indicator value: **7.8**
Nutrient indicator value: **7.2**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **1.24**

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Disturbance frequency (herb layer): **1.74**
Disturbance severity: **0.59**
Disturbance severity (herb layer): **0.55**
Mowing frequency: **0.88**
Grazing pressure: **0.19**
Soil disturbance: **0.31**

Habitat and sociology

Syntaxon

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

Broad habitat

Occurrence in broad habitats: **Grassland (non-alpine, non-saline), Synanthropic**

Distribution

Continentality: **5**
Continentality amplitude: **3**

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