Althaea officinalis

Habitus and growth type

Plant height [m]: **1.02**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm^2/mg]: **23.55**

Flower

Flowering period: **April-August**

Fruit, seed and dispersal

Seed mass [mg]: **4.92**
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: **Wet**
Substrate reaction relationship: **Alkaline**
Nutrient relationship: **Mesotrophic**

Ellenberg-type indicator values

Light indicator value: **7.2**
Moisture indicator value: **7.2**
Reaction indicator value: **7.9**
Nutrient indicator value: **5.3**
Salinity indicator value: **1.9**

Disturbance indicator values

Disturbance frequency: **1.42**
Disturbance frequency (herb layer): **1.63**
Disturbance severity: **0.48**

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Disturbance severity (herb layer): **0.46**
Mowing frequency: **0.54**
Grazing pressure: **0.23**
Soil disturbance: **0.16**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **CM (MOL) *Molinio-Arrhenatheretea*, OD (PHR) *Phragmito-Magnocaricetea***

EUNIS habitat

Diagnostic species of EUNIS habitats: **S94 Semi-desert riparian scrub**

Broad habitat

Occurrence in broad habitats: **Coastal saltmarsh, Aquatic, Wetland, Grassland (non-alpine, non-saline), Saline vegetation, Scrub**

Distribution

Continentality: **8**
Continentality amplitude: **6**

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