

Alisma plantago-aquatica

Habitus and growth type

Plant height [m]: **0.61**

Life span: **Perennial**

Life form: **Hemicryptophyte, Hydrophyte**

Leaf

Specific leaf area [mm²/mg]: **29.72**

Flower

Flowering period: **April-July**

Fruit, seed and dispersal

Seed mass [mg]: **0.35**

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: **Water**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Eutrophic**

Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **6.9**

Moisture indicator value: **10.1**

Reaction indicator value: **6.4**

Nutrient indicator value: **7.3**

Salinity indicator value: **0.1**

Disturbance indicator values

Disturbance frequency: **1.31**

Disturbance frequency (herb layer): **1.72**

Disturbance severity: **0.33**

Disturbance severity (herb layer): **0.31**

Mowing frequency: **0.18**

Grazing pressure: **0.1**

Soil disturbance: **0.12**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **[OD \(PHR\) Phragmito-Magnocaricetea](#)**

EUNIS habitat

Diagnostic species of EUNIS habitats: **[Q52 Small-helophyte bed](#), [Q62 Periodically exposed shore with stable, mesotrophic sediments with pioneer or ephemeral vegetation](#), [V14 Inundated or inundatable cropland, including rice fields](#)**

Constant species of EUNIS habitats: **[Q51 Tall-helophyte bed](#), [Q52 Small-helophyte bed](#), [Q54 Inland saline or brackish helophyte bed](#), [Q61 Periodically exposed shore with stable, eutrophic sediments with pioneer or ephemeral vegetation](#), [Q62 Periodically exposed shore with stable, mesotrophic sediments with pioneer or ephemeral vegetation](#), [V14 Inundated or inundatable cropland, including rice fields](#)**

Broad habitat

Occurrence in broad habitats: **Aquatic, Wetland, Synanthropic**

Distribution

Continentality amplitude: **9**