Phalaroides arundinacea

Habitus and growth type

Plant height [m]: **1.37**
Life span: **Perennial**
Life form: **Hemicryptophyte, Geophyte**

Leaf

Specific leaf area [mm^2/mg]: **24.41**

Flower

Flowering period: **April-August**

Fruit, seed and dispersal

Seed mass [mg]: **0.65**
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: **Wet**
Substrate reaction relationship: **Alkaline**
Nutrient relationship: **Eutrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **7.4**
Moisture indicator value: **8.4**
Reaction indicator value: **7**
Nutrient indicator value: **6.8**
Salinity indicator value: **0.3**

Disturbance indicator values

Disturbance frequency: **0.93**
Disturbance frequency (herb layer): **1.58**

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Disturbance severity: **0.46**
Disturbance severity (herb layer): **0.39**
Mowing frequency: **0.43**
Grazing pressure: **0.22**
Soil disturbance: **0.15**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **OD (PHR) *Phragmito-Magnocaricetea***

EUNIS habitat

Diagnostic species of EUNIS habitats: **Q51 Tall-helophyte bed**, **R55 Lowland moist or wet tall-herb and fern fringe**, **T11 Temperate Salix and Populus riparian forest**
Constant species of EUNIS habitats: **Q51 Tall-helophyte bed**, **Q52 Small-helophyte bed**, **Q53 Tall-sedge bed**, **Q54 Inland saline or brackish helophyte bed**, **Q61 Periodically exposed shore with stable, eutrophic sediments with pioneer or ephemeral vegetation**, **R35 Moist or wet mesotrophic to eutrophic hay meadow**, **R36 Moist or wet mesotrophic to eutrophic pasture**, **R55 Lowland moist or wet tall-herb and fern fringe**, **S91 Temperate riparian scrub**, **T11 Temperate Salix and Populus riparian forest**, **T12 Alnus glutinosa-Alnus incana forest on riparian and mineral soils**, **T13 Temperate hardwood riparian forest**
Dominant species of EUNIS habitats: **Q51 Tall-helophyte bed**, **T11 Temperate Salix and Populus riparian forest**

Broad habitat

Occurrence in broad habitats: **Aquatic, Wetland, Grassland (non-alpine, non-saline), Scrub, Forest, Sparsely vegetated (incl. rock and scree)**

Distribution

Continentality amplitude: **8**

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