

# *Phalaris aquatica*

## Habitus and growth type

Plant height [m]:

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Flower

Flowering period: **March-June**

## Fruit, seed and dispersal

Seed mass [mg]: **1.71**

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**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Eutrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **7.7**

Temperature indicator value: **8.7**

Moisture indicator value: **4.7**

Reaction indicator value: **6.7**

Nutrient indicator value: **5.7**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.86**

Disturbance frequency (herb layer): **1.69**

Disturbance severity: **0.73**

Disturbance severity (herb layer): **0.63**

Mowing frequency: **0.59**

Grazing pressure: **0.22**

Soil disturbance: **0.32**

## **Habitat and sociology**

### Syntaxon

Diagnostic species of phytosociological classes: [CM \(MOL\) Molinio-Arrhenatheretea](#)

### Broad habitat

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