

# *Molinia arundinacea*

## Habitus and growth type

Plant height [m]: **1.63**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Flower

Flowering period: **June-September**

## Fruit, seed and dispersal

Seed mass [mg]: **1.94**

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: **Mesic**

Ellenberg-type indicator values

Moisture indicator value: **6**

## Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: [CA \(FAG\) \*Carpino-Fagetea sylvaticae\*](#), [CC \(QUE\) \*Quercetea robori-petraeae\*](#), [CM \(MOL\) \*Molinio-Arrhenatheretea\*](#), [CO \(ERI\) \*Erico-Pinetea\*](#), [CU \(SES\) \*Elyno-Seslerietea\*](#), [DA \(FES\) \*Festuco-Brometea\*](#)

Broad habitat

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

## Distribution

Continentality: **5**

Continentality amplitude: **3**