

# *Alopecurus geniculatus*

## Habitus and growth type

Plant height [m]: **0.29**

Life span: **Annual, Biennial or short-lived**

Life form: **Hemicryptophyte, Therophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **27.6**

## Flower

Flowering period: **April-July**

## Fruit, seed and dispersal

Seed mass [mg]: **0.31**

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: **Slightly saline or brackish**

### Ellenberg-type indicator values

Light indicator value: **8**

Temperature indicator value: **5.9**

Moisture indicator value: **8.3**

Reaction indicator value: **6.7**

Nutrient indicator value: **6.5**

Salinity indicator value: **1**

### Disturbance indicator values

Disturbance frequency: **2.11**

Disturbance frequency (herb layer): **2.23**  
Disturbance severity: **0.48**  
Disturbance severity (herb layer): **0.48**  
Mowing frequency: **0.74**  
Grazing pressure: **0.6**  
Soil disturbance: **0.25**

## Habitat and sociology

### Syntaxon

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

### EUNIS habitat

Diagnostic species of EUNIS habitats: [R21 Mesic permanent pasture of lowlands and mountains](#), [R36 Moist or wet mesotrophic to eutrophic pasture](#)

Constant species of EUNIS habitats: [R21 Mesic permanent pasture of lowlands and mountains](#), [R36 Moist or wet mesotrophic to eutrophic pasture](#)

Dominant species of EUNIS habitats: [R36 Moist or wet mesotrophic to eutrophic pasture](#)

### Broad habitat

Occurrence in broad habitats: **Aquatic, Wetland, Grassland (non-alpine, non-saline)**

## Distribution

Continentality amplitude: **5**