

# *Achnatherum calamagrostis*

## Habitus and growth type

Plant height [m]: **0.75**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Flower

Flowering period: **May-August**

## Fruit, seed and dispersal

Seed mass [mg]: **0.4**

Dispersal mode: **Local non-specific dispersal, Anthropochory**

Dispersal distance class: **2, 7**

## 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: **Oligotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **9**

Temperature indicator value: **6**

Moisture indicator value: **3**

Reaction indicator value: **8.3**

Nutrient indicator value: **2**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.33**

Disturbance frequency (herb layer): **1.36**

Disturbance severity: **0.58**

Disturbance severity (herb layer): **0.26**

Mowing frequency: **0.09**

Grazing pressure: **0.24**

Soil disturbance: **0.15**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [KE \(THL\) \*Thlaspietea rotundifolii\*](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [T36 Temperate and submediterranean montane \*Pinus sylvestris\*-\*Pinus nigra\* forest](#), [U72 Unvegetated or sparsely vegetated gravel bar in the Mediterranean region](#)

Constant species of EUNIS habitats: [T36 Temperate and submediterranean montane \*Pinus sylvestris\*-\*Pinus nigra\* forest](#), [U72 Unvegetated or sparsely vegetated gravel bar in the Mediterranean region](#)

Dominant species of EUNIS habitats: [U72 Unvegetated or sparsely vegetated gravel bar in the Mediterranean region](#)

### Broad habitat

Occurrence in broad habitats: **Coastal cliff, Forest, Sparsely vegetated (incl. rock and scree)**

## Distribution

Continentality: **4**

Continentality amplitude: **2**