

# *Elytrigia atherica*

## Habitus and growth type

Plant height [m]: **0.68**

Life span: **Perennial**

Life form: **Hemicryptophyte, Geophyte**

## Flower

Flowering period: **April-June**

## Fruit, seed and dispersal

Seed mass [mg]: **3.86**

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**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Eutrophic**

### Ellenberg-type indicator values

Light indicator value: **9**

Temperature indicator value: **7.3**

Moisture indicator value: **5.3**

Reaction indicator value: **7**

Nutrient indicator value: **6**

Salinity indicator value: **6**

### Disturbance indicator values

Disturbance frequency: **1.44**

Disturbance frequency (herb layer): **1.52**

Disturbance severity: **0.47**

Disturbance severity (herb layer): **0.47**

Mowing frequency: **0.11**

Grazing pressure: **0.32**

Soil disturbance: **0.27**

## Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: [MF \(JUN\) \*Juncetea maritimi\*](#)

EUNIS habitat

Diagnostic species of EUNIS habitats: [MA221 Atlantic saltmarsh driftline](#), [MA222 Atlantic upper saltmarsh](#), [MA223 Atlantic upper-mid saltmarsh and saline and brackish reed, rush and sedge bed](#), [MA252 Mediterranean upper-mid saltmarsh and saline and brackish reed, rush and sedge bed](#)

Constant species of EUNIS habitats: [MA221 Atlantic saltmarsh driftline](#), [MA222 Atlantic upper saltmarsh](#), [MA223 Atlantic upper-mid saltmarsh and saline and brackish reed, rush and sedge bed](#), [MA252 Mediterranean upper-mid saltmarsh and saline and brackish reed, rush and sedge bed](#), [N21 Atlantic, Baltic and Arctic coastal shingle beach](#), [N32 Mediterranean and Black Sea rocky sea cliff and shore](#)

Dominant species of EUNIS habitats: [MA223 Atlantic upper-mid saltmarsh and saline and brackish reed, rush and sedge bed](#), [N32 Mediterranean and Black Sea rocky sea cliff and shore](#)

Broad habitat

Occurrence in broad habitats: **Coastal saltmarsh, Coastal beach, dune or shingle, Saline vegetation, Sparsely vegetated (incl. rock and scree)**

## Distribution

Continentality: **4**

Continentality amplitude: **4**