

# *Aira caryophyllea*

## Habitus and growth type

Plant height [m]: **0.18**

Life span: **Annual**

Life form: **Therophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **21.84**

## Flower

Flowering period: **March-May**

## Fruit, seed and dispersal

Seed mass [mg]: **0.12**

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

Dispersal distance class: **1**

## 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: **Acidic**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **8.7**

Temperature indicator value: **6.5**

Moisture indicator value: **2.4**

Reaction indicator value: **3.7**

Nutrient indicator value: **1.6**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **1.13**

Disturbance frequency (herb layer): **1.96**  
Disturbance severity: **0.48**  
Disturbance severity (herb layer): **0.42**  
Mowing frequency: **0.5**  
Grazing pressure: **0.33**  
Soil disturbance: **0.33**

## Habitat and sociology

### EUNIS habitat

Diagnostic species of EUNIS habitats: [R12 Cryptogam- and annual-dominated vegetation on siliceous rock outcrops](#), [R1R Mediterranean to Atlantic open, dry, acid and neutral grassland](#), [R24 Iberian summer pasture \(vallicar\)](#)

Constant species of EUNIS habitats: [R12 Cryptogam- and annual-dominated vegetation on siliceous rock outcrops](#), [R1P Oceanic to subcontinental inland sand grassland on dry acid and neutral soils](#), [R1R Mediterranean to Atlantic open, dry, acid and neutral grassland](#), [R24 Iberian summer pasture \(vallicar\)](#)

### Broad habitat

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

## Distribution

Continentality: **4**  
Continentality amplitude: **4**