Aira caryophyllea

Habitus and growth type

Plant height [m]: **0.18**
Life span: **Annual**
Life form: **Therophyte**

Leaf

Specific leaf area [mm^2/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**

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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**

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