

# *Aira elegantissima*

## Habitus and growth type

Plant height [m]: **0.21**

Life span: **Annual**

Life form: **Therophyte**

Spinescence: **not spinescent**

## Flower

Flowering period: **April-June**

## Fruit, seed and dispersal

Seed mass [mg]: **0.05**

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: **Dystrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **8.2**

Moisture indicator value: **2.5**

Nutrient indicator value: **1.3**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.84**

Disturbance frequency (herb layer): **1.77**

Disturbance severity: **0.56**

Disturbance severity (herb layer): **0.43**

Mowing frequency: **0.35**

Grazing pressure: **0.32**

Soil disturbance: **0.23**

## **Habitat and sociology**

Syntaxon

Diagnostic species of phytosociological classes: [CK \(SED\) \*Sedo-Scleranthetea\*](#), [FI \(TUB\) \*Helianthemetea guttati\*](#)

Broad habitat

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