

# *Heteropogon contortus*

## Habitus and growth type

Plant height [m]: **0.65**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **16**

## Flower

Flowering period: **May-December**

## Fruit, seed and dispersal

Seed mass [mg]: **2.6**

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: **Dry**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **9**

Temperature indicator value: **8.3**

Moisture indicator value: **2.5**

Reaction indicator value: **7.5**

Nutrient indicator value: **3**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **1.78**

Disturbance frequency (herb layer): **1.82**  
Disturbance severity: **0.43**  
Disturbance severity (herb layer): **0.41**  
Mowing frequency: **0.96**  
Grazing pressure: **0.37**  
Soil disturbance: **0.17**

## **Habitat and sociology**

### Syntaxon

Diagnostic species of phytosociological classes: [DA \(FES\) Festuco-Brometea](#), [FF \(LYG\) Lygeo sparti-Stipetea tenacissimae](#)

### Broad habitat

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