

# *Agropyron desertorum*

## Habitus and growth type

Plant height [m]: **0.4**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **8.9**

## Flower

Flowering period: **February-April**

## Fruit, seed and dispersal

Seed mass [mg]: **2.1**

Dispersal mode: **Epizoochory**

Dispersal distance class: **6**

## 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: **Eutrophic**

Salinity relationship: **Saline**

### Ellenberg-type indicator values

Light indicator value: **8.8**

Temperature indicator value: **6.7**

Moisture indicator value: **3.9**

Reaction indicator value: **7**

Nutrient indicator value: **7**

Salinity indicator value: **8**

### Disturbance indicator values

Disturbance frequency: **2.13**

Disturbance frequency (herb layer): **2.11**  
Disturbance severity: **0.48**  
Disturbance severity (herb layer): **0.48**  
Mowing frequency: **0.15**  
Grazing pressure: **0.47**  
Soil disturbance: **0.26**

## **Habitat and sociology**

### Syntaxon

Diagnostic species of phytosociological classes: [DA \(FES\) Festuco-Brometea](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [R1C Desert steppe](#)

Constant species of EUNIS habitats: [R1C Desert steppe](#)

### Broad habitat

Occurrence in broad habitats: **Grassland (non-alpine, non-saline)**