

# ***Festuca gautieri***

## **Habitus and growth type**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## **Fruit, seed and dispersal**

Seed mass [mg]: **1.05**

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: **Mesic**

Nutrient relationship: **Dystrophic**

Salinity relationship: **Non-saline**

### **Ellenberg-type indicator values**

Light indicator value: **9**

Temperature indicator value: **1.7**

Moisture indicator value: **4**

Nutrient indicator value: **1.2**

Salinity indicator value: **0**

### **Disturbance indicator values**

Disturbance frequency: **0.54**

Disturbance frequency (herb layer): **1.47**

Disturbance severity: **0.47**

Disturbance severity (herb layer): **0.29**

Mowing frequency: **0.1**

Grazing pressure: **0.26**

Soil disturbance: **0.12**

## **Habitat and sociology**

### **Syntaxon**

Diagnostic species of phytosociological classes: [FP \(ONO\) Festuco hystricis-Ononidetea striatae](#)

Broad habitat

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