

# ***Bromus squarrosus***

## **Habitus and growth type**

Plant height [m]: **0.44**

Life span: **Annual**

Life form: **Therophyte**

## **Leaf**

Specific leaf area [mm<sup>2</sup>/mg]: **29.06**

## **Flower**

Flowering period: **March-June**

## **Fruit, seed and dispersal**

Seed mass [mg]: **2.32**

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: **8.4**

Temperature indicator value: **7.7**

Moisture indicator value: **2.9**

Reaction indicator value: **7.6**

Salinity indicator value: **0**

### **Disturbance indicator values**

Disturbance frequency: **1.36**

Disturbance frequency (herb layer): **1.89**

Disturbance severity: **0.57**

Disturbance severity (herb layer): **0.54**

Mowing frequency: **0.44**

Grazing pressure: **0.32**

Soil disturbance: **0.3**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [CJ \(COR\) \*Koelerio-Corynephoretea canescentis\*](#), [QB \(SIS\) \*Sisymbrietea\*](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [N1E Black Sea broad-leaved coastal dune forest](#), [R1C Desert steppe](#), [S34 Balkan-Anatolian submontane genistoid scrub](#), [S67 Aralo-Caspian semi-desert](#)

Constant species of EUNIS habitats: [MA241 Black Sea littoral saltmarsh](#), [N17 Black Sea coastal dune grassland \(grey dune\)](#), [N1E Black Sea broad-leaved coastal dune forest](#), [R1B Continental dry grassland \(true steppe\)](#), [R1C Desert steppe](#), [S34 Balkan-Anatolian submontane genistoid scrub](#), [S67 Aralo-Caspian semi-desert](#), [S68 Semi-desert sand dune with sparse scrub](#)

### Broad habitat

Occurrence in broad habitats: **Coastal cliff**, **Grassland (non-alpine, non-saline)**, **Semi-desert**, **Oromediterranean scrub**, **Scrub**, **Sparseley vegetated (incl. rock and scree)**, **Synanthropic**

## Distribution

Continentality: 7

Continentality amplitude: 7