

# *Brachypodium rupestre*

## Habitus and growth type

Plant height [m]: **0.57**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Flower

Flowering period: **April-July**

## Fruit, seed and dispersal

Seed mass [mg]: **1.92**

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: **7.2**

Temperature indicator value: **5.6**

Moisture indicator value: **3.9**

Reaction indicator value: **7**

Nutrient indicator value: **3**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.3**

Disturbance frequency (herb layer): **1.43**

Disturbance severity: **0.6**

Disturbance severity (herb layer): **0.28**

Mowing frequency: **0.18**

Grazing pressure: **0.25**

Soil disturbance: **0.12**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [CO \(ERI\) \*Erico-Pinetea\*](#), [DA \(FES\) \*Festuco-Brometea\*](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [S53 \*Spartium junceum scrub\*](#)

Constant species of EUNIS habitats: [R14 \*Perennial rocky grassland of the Italian Peninsula\*](#), [S24 \*Subalpine genistoid scrub of the Amphi-Adriatic region\*](#), [S52 \*Submediterranean pseudomaquis\*](#), [S53 \*Spartium junceum scrub\*](#), [S74 \*Central Mediterranean mountain hedgehog-heath\*](#), [T36 \*Temperate and submediterranean montane Pinus sylvestris-Pinus nigra forest\*](#), [T37 \*Mediterranean montane Pinus sylvestris-Pinus nigra forest\*](#)

Dominant species of EUNIS habitats: [S53 \*Spartium junceum scrub\*](#)

### Broad habitat

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

## Distribution

Continentality amplitude: **6**