

# **Blackstonia**

## **Habitus and growth type**

Plant height [m]: **0.24**

Life span: **Annual**

Life form: **Therophyte**

## **Leaf**

Specific leaf area [mm<sup>2</sup>/mg]: **30.76**

## **Fruit, seed and dispersal**

Seed mass [mg]: **0.02**

Dispersal mode: **Local non-specific dispersal**

Dispersal distance class: **1**

## **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: **Wet**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Mesotrophic**

Salinity relationship: **Non-saline**

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

Light indicator value: **8.1**

Reaction indicator value: **7.1**

Salinity indicator value: **0.6**

### **Disturbance indicator values**

Disturbance frequency: **0.73**

Disturbance frequency (herb layer): **1.66**

Disturbance severity: **0.58**

Disturbance severity (herb layer): **0.44**

Mowing frequency: **0.39**

Grazing pressure: **0.3**

Soil disturbance: **0.17**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [CM \(MOL\) \*Molinio-Arrhenatheretea\*](#), [OC \(ISO\) \*Isoëto-Nanojuncetea\*](#)

### EUNIS habitat

Constant species of EUNIS habitats: [N1J Mediterranean and Black Sea moist and wet dune slack](#), [R31 Mediterranean tall humid inland grassland](#), [R32 Mediterranean short moist grassland of lowlands](#), [S53 \*Spartium junceum\* scrub](#), [S72 Eastern Mediterranean spiny heath \(\*phrygana\*\)](#)

### Broad habitat

Occurrence in broad habitats: **Coastal saltmarsh**, **Aquatic**, **Wetland**, **Grassland (non-alpine, non-saline)**, **Saline vegetation**, **Scrub**, **Sparsely vegetated (incl. rock and scree)**