

# *Prospero autumnale*

## Habitus and growth type

Plant height [m]: **0.25**

Life span: **Perennial**

Life form: **Geophyte**

Spinescence: **not spinescent**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **16.03**

## Flower

Flowering period: **July-September**

## Fruit, seed and dispersal

Seed mass [mg]: **1.55**

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: **Dry**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **8.4**

Reaction indicator value: **6.8**

Salinity indicator value: **0.8**

### Disturbance indicator values

Disturbance frequency: **0.99**

Disturbance frequency (herb layer): **1.73**

Disturbance severity: **0.5**

Disturbance severity (herb layer): **0.41**

Mowing frequency: **0.31**

Grazing pressure: **0.34**

Soil disturbance: **0.25**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [FF \(LYG\) \*Lygeo sparti-Stipetea tenacissimae\*](#), [FH \(BUL\) \*Poetea bulbosae\*](#), [FJ \(TRA\) \*Stipo-Trachynietea distachyae\*](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [S34 Balkan-Anatolian submontane genistoid scrub](#)

Constant species of EUNIS habitats: [S34 Balkan-Anatolian submontane genistoid scrub](#)

### Broad habitat

Occurrence in broad habitats: **Coastal beach, dune or shingle, Grassland (non-alpine, non-saline), Scrub, Sparsely vegetated (incl. rock and scree)**