

# *Echium sabulicola*

## Habitus and growth type

Plant height [m]: **0.28**

Life span: **Biennial or short-lived, Perennial**

Life form: **Hemicryptophyte**

## Flower

Flowering period: **February-May**

## Fruit, seed and dispersal

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: **Slightly acidic to near-neutral**

Nutrient relationship: **Eutrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **8.5**

Temperature indicator value: **9**

Moisture indicator value: **2.5**

Reaction indicator value: **5.5**

Nutrient indicator value: **5.5**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **1.37**

Disturbance frequency (herb layer): **2.14**

Disturbance severity: **0.48**

Disturbance severity (herb layer): **0.45**

Mowing frequency: **0.09**

Grazing pressure: **0.21**

Soil disturbance: **0.54**

### **Habitat and sociology**

Broad habitat

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