

# *Erysimum diffusum*

## Habitus and growth type

Plant height [m]: **0.55**

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

Life form: **Hemicryptophyte**

## Fruit, seed and dispersal

Seed mass [mg]: **0.22**

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 reaction relationship: **Alkaline**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **8.7**

Temperature indicator value: **6.5**

Moisture indicator value: **2.3**

Reaction indicator value: **7.3**

Nutrient indicator value: **2**

Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **1.4**

Disturbance frequency (herb layer): **1.88**

Disturbance severity: **0.51**

Disturbance severity (herb layer): **0.49**

Mowing frequency: **0.49**

Grazing pressure: **0.35**

Soil disturbance: **0.25**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [CJ \(COR\) \*Koelerio-Coryneporetea canescentis\*](#), [DA \(FES\) \*Festuco-Brometea\*](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [R15 Continental dry rocky steppic grassland and dwarf scrub on chalk outcrops](#), [R17 Heavy-metal dry grassland of the Balkans](#)

Constant species of EUNIS habitats: [R15 Continental dry rocky steppic grassland and dwarf scrub on chalk outcrops](#), [R17 Heavy-metal dry grassland of the Balkans](#), [S34 Balkan-Anatolian submontane genistoid scrub](#)

### Broad habitat

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