

# *Erysimum cheiri*

## Habitus and growth type

Plant height [m]: **0.34**

Life span: **Perennial**

Life form: **Chamaephyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **11.6**

## Flower

Flowering period: **February-June**

## Fruit, seed and dispersal

Seed mass [mg]: **1.47**

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

Dispersal distance class: **2, 7**

## 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: **Mesic**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Eutrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **7.8**

Temperature indicator value: **7**

Moisture indicator value: **4.3**

Reaction indicator value: **8**

Nutrient indicator value: **5.2**

Salinity indicator value: **0.2**

### Disturbance indicator values

Disturbance frequency: **0.68**

Disturbance frequency (herb layer): **0.89**  
Disturbance severity: **0.48**  
Disturbance severity (herb layer): **0.41**  
Mowing frequency: **0.09**  
Grazing pressure: **0.11**  
Soil disturbance: **0.25**

## **Habitat and sociology**

### Syntaxon

Diagnostic species of phytosociological classes: [KD \(CYM\) Cymbalario-Parietariaea  
\*diffusae\*](#)

### Broad habitat

Occurrence in broad habitats: **Coastal cliff, Sparsely vegetated (incl. rock and scree), Synanthropic**

## **Distribution**

Continentality: **7**  
Continentality amplitude: **1**