

# *Valantia muralis*

## Habitus and growth type

Plant height [m]: **0.09**

Life span: **Annual**

Life form: **Therophyte**

## Flower

Flowering period: **February-June**

## Fruit, seed and dispersal

Seed mass [mg]: **0.46**

Dispersal mode: **Epizoochory**

Dispersal distance class: **6**

## 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: **Mesotrophic**

Salinity relationship: **Slightly saline or brackish**

### Ellenberg-type indicator values

Light indicator value: **8**

Temperature indicator value: **8.7**

Moisture indicator value: **3.3**

Reaction indicator value: **7**

Nutrient indicator value: **4.5**

Salinity indicator value: **0.5**

### Disturbance indicator values

Disturbance frequency: **0.84**

Disturbance frequency (herb layer): **1.41**

Disturbance severity: **0.72**

Disturbance severity (herb layer): **0.59**

Mowing frequency: **0.24**

Grazing pressure: **0.29**

Soil disturbance: **0.31**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [FJ \(TRA\) Stipo-Trachynietea distachyae](#), [QC \(CHE\) Chenopodietea](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [S63 Eastern garrigue](#)

Constant species of EUNIS habitats: [S63 Eastern garrigue](#)

### Broad habitat

Occurrence in broad habitats: **Coastal cliff, Grassland (non-alpine, non-saline), Scrub, Sparsely vegetated (incl. rock and scree), Synanthropic**