

# *Convolvulus arvensis*

## Habitus and growth type

Plant height [m]: **0.4**

Life span: **Perennial**

Life form: **Hemicryptophyte, Geophyte, Herbaceous liana**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **24.88**

## Flower

Flowering period: **March-October**

## Fruit, seed and dispersal

Seed mass [mg]: **13.26**

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: **Dry**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Eutrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **7.3**

Moisture indicator value: **4**

Reaction indicator value: **6.7**

Nutrient indicator value: **5.6**

Salinity indicator value: **0.1**

### Disturbance indicator values

Disturbance frequency: **1.55**

Disturbance frequency (herb layer): **1.89**

Disturbance severity: **0.69**

Disturbance severity (herb layer): **0.68**

Mowing frequency: **0.71**

Grazing pressure: **0.18**

Soil disturbance: **0.49**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [QA \(PAR\) \*Papaveretea rhoeadis\*](#), [QB \(SIS\) \*Sisymbrietea\*](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [S68 Semi-desert sand dune with sparse scrub](#), [V11 Intensive unmixed crops](#), [V12 Mixed crops of market gardens and horticulture](#), [V13 Arable land with unmixed crops grown by low-intensity agricultural methods](#), [V15 Bare tilled, fallow or recently abandoned arable land](#), [V37 Annual anthropogenic herbaceous vegetation](#), [V38 Dry perennial anthropogenic herbaceous vegetation](#)

Constant species of EUNIS habitats: [R1B Continental dry grassland \(true steppe\)](#), [R24 Iberian summer pasture \(vallicar\)](#), [R34 Submediterranean moist meadow](#), [R65 Continental subsaline alluvial pasture and meadow](#), [S68 Semi-desert sand dune with sparse scrub](#), [V11 Intensive unmixed crops](#), [V12 Mixed crops of market gardens and horticulture](#), [V13 Arable land with unmixed crops grown by low-intensity agricultural methods](#), [V15 Bare tilled, fallow or recently abandoned arable land](#), [V32 Mediterranean subnitrophilous annual grassland](#), [V33 Dry Mediterranean land with unpalatable non-vernal herbaceous vegetation](#), [V34 Trampled xeric grassland with annuals](#), [V37 Annual anthropogenic herbaceous vegetation](#), [V38 Dry perennial anthropogenic herbaceous vegetation](#), [V39 Mesic perennial anthropogenic herbaceous vegetation](#)

### Broad habitat

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

## Distribution

Continentality amplitude: **8**