Capsella bursa-pastoris

Habitus and growth type

Plant height [m]: **0.22**
Life span: **Annual, Biennial or short-lived**
Life form: **Hemicryptophyte, Therophyte**
Spinescence: **not spinescent**

Leaf

Specific leaf area [mm^2/mg]: **23.79**

Flower

Flowering period: **January-December**

Fruit, seed and dispersal

Seed mass [mg]: **0.11**
Dispersal mode: **Local non-specific dispersal, Anthropochory**
Dispersal distance class: **1, 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: **Slightly acidic to near-neutral**
Nutrient relationship: **Eutrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **7.4**
Temperature indicator value: **5.2**
Moisture indicator value: **4.7**
Reaction indicator value: **6.1**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **1.79**

© 2014–2026 Pladias – Citation: Pladias – Database of the Czech Flora and Vegetation. www.pladias.cz

Disturbance frequency (herb layer): **2.07**
Disturbance severity: **0.77**
Disturbance severity (herb layer): **0.77**
Mowing frequency: **0.65**
Grazing pressure: **0.21**
Soil disturbance: **0.66**

Habitat and sociology

Syntaxon

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

EUNIS habitat

Diagnostic species of EUNIS habitats: **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, V35 Trampled mesophilous grassland with annuals, V37 Annual anthropogenic herbaceous vegetation**

Constant species of EUNIS habitats: **N1E Black Sea broad-leaved coastal dune forest, 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, V34 Trampled xeric grassland with annuals, V35 Trampled mesophilous grassland with annuals, V37 Annual anthropogenic herbaceous vegetation**

Broad habitat

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

Distribution

Continentality amplitude: **7**

© 2014–2026 Pladias – Citation: Pladias – Database of the Czech Flora and Vegetation. www.pladias.cz