Calamagrostis epigejos

Habitus and growth type

Plant height [m]: **1.07**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm^2/mg]: **13.01**

Flower

Flowering period: **May-July**

Fruit, seed and dispersal

Seed mass [mg]: **0.08**
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 humidity relationship: **Mesic**
Substrate reaction relationship: **Alkaline**
Nutrient relationship: **Eutrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **7.1**
Temperature indicator value: **5.1**
Moisture indicator value: **5.9**
Reaction indicator value: **6.3**
Nutrient indicator value: **6.3**
Salinity indicator value: **0.4**

Disturbance indicator values

Disturbance frequency: **0.6**

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Disturbance frequency (herb layer): **1.51**
Disturbance severity: **0.56**
Disturbance severity (herb layer): **0.39**
Mowing frequency: **0.27**
Grazing pressure: **0.21**
Soil disturbance: **0.22**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **QF (ART) *Artemisietea vulgaris***, **QG (EPI) *Epilobietea angustifolii***

EUNIS habitat

Diagnostic species of EUNIS habitats: **N1A Atlantic and Baltic coastal dune scrub**, **N1D Atlantic and Baltic broad-leaved coastal dune forest**, **N1E Black Sea broad-leaved coastal dune forest**
Constant species of EUNIS habitats: **N15 Atlantic and Baltic coastal dune grassland (grey dune)**, **N18 Atlantic and Baltic coastal Empetrum heath**, **N1A Atlantic and Baltic coastal dune scrub**, **N1D Atlantic and Baltic broad-leaved coastal dune forest**, **N1E Black Sea broad-leaved coastal dune forest**, **N1H Atlantic and Baltic moist and wet dune slack**, **N35 Mediterranean and Black Sea soft sea cliff**, **R11 Pannonian and Pontic sandy steppe**, **R57 Herbaceous forest clearing vegetation**, **S32 Temperate Rubus scrub**, **S36 Low steppic scrub**, **S38 Temperate forest clearing scrub**, **S68 Semi-desert sand dune with sparse scrub**, **S91 Temperate riparian scrub**, **T35 Temperate continental Pinus sylvestris forest**, **T3H Larix light taiga**, **V38 Dry perennial anthropogenic herbaceous vegetation**
Dominant species of EUNIS habitats: **N15 Atlantic and Baltic coastal dune grassland (grey dune)**, **N1A Atlantic and Baltic coastal dune scrub**, **R57 Herbaceous forest clearing vegetation**, **S38 Temperate forest clearing scrub**, **V38 Dry perennial anthropogenic herbaceous vegetation**

Broad habitat

Occurrence in broad habitats: **Coastal beach, dune or shingle, Coastal cliff, Wetland, Grassland (non-alpine, non-saline), Semi-desert, Heathland, Scrub, Forest, Sparsely vegetated (incl. rock and scree), Synanthropic**

Distribution

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

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