

Calamagrostis epigejos

Habitus and growth type

Plant height [m]: **1.07**

Life span: **Perennial**

Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm²/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**

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