Hordeum marinum

Habitus and growth type

Plant height [m]: **0.2**
Life span: **Annual**
Life form: **Therophyte**

Leaf

Specific leaf area [mm^2/mg]: **45.54**

Flower

Flowering period: **March-May**

Fruit, seed and dispersal

Seed mass [mg]: **4.15**
Dispersal mode: **Local non-specific dispersal**
Dispersal distance class: **1**

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 reaction relationship: **Alkaline**
Nutrient relationship: **Mesotrophic**

Ellenberg-type indicator values

Light indicator value: **8.9**
Reaction indicator value: **6.9**
Salinity indicator value: **4.7**

Disturbance indicator values

Disturbance frequency: **1.48**
Disturbance frequency (herb layer): **1.83**
Disturbance severity: **0.54**
Disturbance severity (herb layer): **0.52**
Mowing frequency: **0.17**
Grazing pressure: **0.3**

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Soil disturbance: **0.27**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **JA (SAG) *Saginetea maritimae***

EUNIS habitat

Diagnostic species of EUNIS habitats: **MA251 Mediterranean upper saltmarsh, MA253 Mediterranean mid-low saltmarsh, R61 Mediterranean inland salt steppe**

Constant species of EUNIS habitats: **MA251 Mediterranean upper saltmarsh, MA253 Mediterranean mid-low saltmarsh, R61 Mediterranean inland salt steppe**

Broad habitat

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

Distribution

Continentality amplitude: **8**

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