

Hordeum marinum

Habitus and growth type

Plant height [m]: **0.2**

Life span: **Annual**

Life form: **Therophyte**

Leaf

Specific leaf area [mm²/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**

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**