

Imperata cylindrica

Habitus and growth type

Plant height [m]: **0.6**

Life span: **Perennial**

Life form: **Hemicryptophyte, Geophyte**

Leaf

Specific leaf area [mm²/mg]: **7.62**

Flower

Flowering period: **April-July**

Fruit, seed and dispersal

Seed mass [mg]: **0.2**

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: **Mesotrophic**

Salinity relationship: **Slightly saline or brackish**

Ellenberg-type indicator values

Light indicator value: **8.7**

Temperature indicator value: **10**

Moisture indicator value: **6.7**

Reaction indicator value: **7.3**

Nutrient indicator value: **4.7**

Salinity indicator value: **1**

Disturbance indicator values

Disturbance frequency: **1.47**

Disturbance frequency (herb layer): **1.93**

Disturbance severity: **0.42**

Disturbance severity (herb layer): **0.39**

Mowing frequency: **0.3**

Grazing pressure: **0.25**

Soil disturbance: **0.25**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: [**FD \(NER\) *Nerio-Tamaricetea*, MF \(JUN\) *Juncetea maritimi***](#)

Broad habitat

Occurrence in broad habitats: **Coastal saltmarsh, Wetland, Saline vegetation, Scrub, Sparsely vegetated (incl. rock and scree)**