Imperata cylindrica

Habitus and growth type

Plant height [m]: **0.6**
Life span: **Perennial**
Life form: **Hemicryptophyte, Geophyte**

Leaf

Specific leaf area [mm^2/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**

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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)**

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