

Carex buxbaumii

Habitus and growth type

Plant height [m]: **0.53**

Life span: **Perennial**

Life form: **Hemicryptophyte, Geophyte**

Leaf

Specific leaf area [mm²/mg]: **11.41**

Flower

Flowering period: **April-July**

Fruit, seed and dispersal

Seed mass [mg]: **1.48**

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: **Wet**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **7.6**

Temperature indicator value: **4.9**

Moisture indicator value: **8.4**

Reaction indicator value: **6.5**

Nutrient indicator value: **2.7**

Salinity indicator value: **0.2**

Disturbance indicator values

Disturbance frequency: **1.31**

Disturbance frequency (herb layer): **1.78**
Disturbance severity: **0.31**
Disturbance severity (herb layer): **0.28**
Mowing frequency: **0.48**
Grazing pressure: **0.14**
Soil disturbance: **0.12**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: [OD \(PHR\) *Phragmito-Magnocaricetea*](#), [PA \(SCH\) *Scheuchzerio palustris-Caricetea fuscae*](#)

Broad habitat

Occurrence in broad habitats: **Aquatic, Wetland, Mire, Grassland (non-alpine, non-saline)**

Distribution

Continentality: **7**
Continentality amplitude: **4**