Carex kitaibeliana

Habitus and growth type

Plant height [m]: **0.23**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Flower

Flowering period: **May-July**

Fruit, seed and dispersal

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: **Slightly acidic to near-neutral**
Nutrient relationship: **Dystrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **9**
Temperature indicator value: **4**
Moisture indicator value: **4**
Reaction indicator value: **6**
Nutrient indicator value: **1**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **1.34**
Disturbance frequency (herb layer): **1.46**
Disturbance severity: **0.3**
Disturbance severity (herb layer): **0.29**
Mowing frequency: **0.04**
Grazing pressure: **0.27**

© 2014–2026 Pladias – Citation: Pladias – Database of the Czech Flora and Vegetation. www.pladias.cz

Soil disturbance: **0.1**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **CU (SES) *Elyno-Seslerietea***

EUNIS habitat

Diagnostic species of EUNIS habitats: **R45 Alpine and subalpine calcareous grassland of the Balkans and Apennines**

Constant species of EUNIS habitats: **R45 Alpine and subalpine calcareous grassland of the Balkans and Apennines**

Dominant species of EUNIS habitats: **R45 Alpine and subalpine calcareous grassland of the Balkans and Apennines**

Broad habitat

Occurrence in broad habitats: **Coastal cliff, Grassland (non-alpine, non-saline), Alpine-subalpine and arctic grassland, Oromediterranean scrub, Sparsely vegetated (incl. rock and scree)**

© 2014–2026 Pladias – Citation: Pladias – Database of the Czech Flora and Vegetation. www.pladias.cz