Blysmus

Habitus and growth type

Plant height [m]: **0.25**
Life span: **Perennial**
Life form: **Geophyte**

Leaf

Specific leaf area [mm^2/mg]: **13.99**

Flower

Flowering period: **May-August**

Fruit, seed and dispersal

Seed mass [mg]: **0.6**
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 humidity relationship: **Wet**
Substrate reaction relationship: **Alkaline**
Nutrient relationship: **Oligotrophic**
Salinity relationship: **Slightly saline or brackish**

Ellenberg-type indicator values

Temperature indicator value: **4.7**
Moisture indicator value: **8.2**
Reaction indicator value: **7.4**
Nutrient indicator value: **3**
Salinity indicator value: **0.9**

Disturbance indicator values

Disturbance frequency: **1.89**
Disturbance frequency (herb layer): **1.94**

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

Disturbance severity: **0.34**
Disturbance severity (herb layer): **0.34**
Mowing frequency: **0.87**
Grazing pressure: **0.29**
Soil disturbance: **0.09**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **CM (MOL) *Molinio-Arrhenatheretea*, PA (SCH) *Scheuchzerio palustris-Caricetea fuscae***

EUNIS habitat

Diagnostic species of EUNIS habitats: **Q41 Alkaline, calcareous, carbonate-rich small-sedge spring fen, Q46 Carpathian travertine fen with halophytes**
Constant species of EUNIS habitats: **Q46 Carpathian travertine fen with halophytes**
Dominant species of EUNIS habitats: **Q46 Carpathian travertine fen with halophytes**

Broad habitat

Occurrence in broad habitats: **Aquatic, Spring, Mire, Grassland (non-alpine, non-saline), Saline vegetation, Sparsely vegetated (incl. rock and scree)**

Distribution

Continentality: **6**
Continentality amplitude: **5**

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