Drosera rotundifolia

Habitus and growth type

Plant height [m]: **0.1**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm^2/mg]: **44.83**

Flower

Flowering period: **May-August**

Fruit, seed and dispersal

Seed mass [mg]: **0.02**
Dispersal mode: **Local non-specific dispersal**
Dispersal distance class: **1**

Trophic mode

Parasitism and mycoheterotrophy: **autotroph**
Carnivory: **carnivorous**
Symbiotic nitrogen fixation: **no nitrogen-fixing symbionts**

Taxon origin

Origin in Europe: **native**

Ecology

Environmental relationships

Substrate humidity relationship: **Wet**
Nutrient relationship: **Dystrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **8.1**
Temperature indicator value: **4.6**
Moisture indicator value: **9.1**
Reaction indicator value: **1.9**
Nutrient indicator value: **1.1**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.87**
Disturbance frequency (herb layer): **1.36**

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

Disturbance severity: **0.22**
Disturbance severity (herb layer): **0.13**
Mowing frequency: **0.22**
Grazing pressure: **0.13**
Soil disturbance: **0.15**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **PA (SCH) *Scheuchzerio palustris-Caricetea fuscae***, **PB (OXY) *Oxycocco-Sphagnetea***

EUNIS habitat

Diagnostic species of EUNIS habitats: **Q11 Raised bog**, **Q12 Blanket bog**, **Q21 Oceanic valley mire**, **Q22 Poor fen**, **Q25 Non-calcareous quaking mire**, **Q42 Extremely rich moss-sedge fen**, **T3J Pinus and Larix mire forest**

Constant species of EUNIS habitats: **Q11 Raised bog**, **Q12 Blanket bog**, **Q21 Oceanic valley mire**, **Q22 Poor fen**, **Q24 Intermediate fen and soft-water spring mire**, **Q25 Non-calcareous quaking mire**, **Q42 Extremely rich moss-sedge fen**, **Q43 Tall-sedge base-rich fen**, **S41 Wet heath**, **T3J Pinus and Larix mire forest**

Broad habitat

Occurrence in broad habitats: **Aquatic, Wetland, Mire, Heathland, Forest**

Distribution

Continentality amplitude: **7**

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