Rhinanthus alpinus

Habitus and growth type

Plant height [m]: **0.28**
Life span: **Annual**
Life form: **Therophyte**

Fruit, seed and dispersal

Dispersal mode: **Local non-specific dispersal**
Dispersal distance class: **1**

Trophic mode

Parasitism and mycoheterotrophy: **euphytoid hemiparasite**
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: **Acidic**
Nutrient relationship: **Oligotrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **7**
Temperature indicator value: **3**
Moisture indicator value: **5.5**
Reaction indicator value: **3**
Nutrient indicator value: **3**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **1.08**
Disturbance frequency (herb layer): **1.85**
Disturbance severity: **0.4**
Disturbance severity (herb layer): **0.35**
Mowing frequency: **0.17**
Grazing pressure: **0.25**
Soil disturbance: **0.14**

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Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **CM (MOL) *Molinio-Arrhenatheretea***

Broad habitat

Occurrence in broad habitats: **Spring, Grassland (non-alpine, non-saline), Alpine-subalpine and arctic grassland**

Distribution

Continentality: **6**
Continentality amplitude: **2**

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