Achillea macrophylla

Habitus and growth type

Plant height [m]: **0.63**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm^2/mg]: **20.66**

Flower

Flowering period: **June-August**

Fruit, seed and dispersal

Seed mass [mg]: **0.35**
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: **Mesic**
Substrate reaction relationship: **Slightly acidic to near-neutral**
Nutrient relationship: **Eutrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **6.3**
Temperature indicator value: **2.3**
Moisture indicator value: **6**
Reaction indicator value: **6.3**
Nutrient indicator value: **7.7**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.15**

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Disturbance frequency (herb layer): **1.31**
Disturbance severity: **0.64**
Disturbance severity (herb layer): **0.14**
Mowing frequency: **0.01**
Grazing pressure: **0.16**
Soil disturbance: **0.08**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **CR (VIR) *Betulo carpaticae-Alnetea viridis***

EUNIS habitat

Diagnostic species of EUNIS habitats: **S25 Subalpine and subarctic deciduous scrub**

Broad habitat

Occurrence in broad habitats: **Scrub, Forest**

Distribution

Continentality: **4**
Continentality amplitude: **2**

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