

# *Achillea macrophylla*

## Habitus and growth type

Plant height [m]: **0.63**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/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**

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**