

# *Achillea millefolium* aggr.

## Habitus and growth type

Plant height [m]: **0.58**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **14.08**

## Flower

Flowering period: **April-October**

## Fruit, seed and dispersal

Seed mass [mg]: **0.16**

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: **Dry, Mesic, Wet**

Substrate reaction relationship: **Slightly acidic to near-neutral, Alkaline**

Nutrient relationship: **Dystrophic, Oligotrophic, Mesotrophic, Eutrophic**

Salinity relationship: **Non-saline, Slightly saline or brackish**

### Ellenberg-type indicator values

Light indicator value: **7.9**

Moisture indicator value: **4.1**

Reaction indicator value: **5.8**

Salinity indicator value: **0.9**

### Disturbance indicator values

Disturbance frequency: **1.31**

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

Disturbance severity: **0.54**

Disturbance severity (herb layer): **0.51**

Mowing frequency: **0.81**

Grazing pressure: **0.25**

Soil disturbance: **0.33**

## Habitat and sociology

### EUNIS habitat

Diagnostic species of EUNIS habitats: [R1A Semi-dry perennial calcareous grassland \(meadow steppe\)](#), [R21 Mesic permanent pasture of lowlands and mountains](#), [R22 Low and medium altitude hay meadow](#), [R23 Mountain hay meadow](#)

Constant species of EUNIS habitats: [Q46 Carpathian travertine fen with halophytes](#), [R1A Semi-dry perennial calcareous grassland \(meadow steppe\)](#), [R1B Continental dry grassland \(true steppe\)](#), [R1M Lowland to montane, dry to mesic grassland usually dominated by \*Nardus stricta\*](#), [R1P Oceanic to subcontinental inland sand grassland on dry acid and neutral soils](#), [R1S Heavy-metal grassland in Western and Central Europe](#), [R21 Mesic permanent pasture of lowlands and mountains](#), [R22 Low and medium altitude hay meadow](#), [R23 Mountain hay meadow](#), [R34 Submediterranean moist meadow](#), [R37 Temperate and boreal moist or wet oligotrophic grassland](#), [R51 Thermophilous forest fringe of base-rich soils](#), [R52 Forest fringe of acidic nutrient-poor soils](#), [R54 \*Pteridium aquilinum\* vegetation](#), [S32 Temperate \*Rubus\* scrub](#), [S33 Lowland to montane temperate and submediterranean genistoid scrub](#), [S35 Temperate and submediterranean thorn scrub](#), [S36 Low steppic scrub](#), [T34 Temperate subalpine \*Larix\*, \*Pinus cembra\* and \*Pinus uncinata\* forest](#), [T3H \*Larix\* light taiga](#), [U71 Unvegetated or sparsely vegetated gravel bar in montane and alpine regions](#), [V11 Intensive unmixed crops](#), [V12 Mixed crops of market gardens and horticulture](#), [V13 Arable land with unmixed crops grown by low-intensity agricultural methods](#), [V15 Bare tilled, fallow or recently abandoned arable land](#), [V38 Dry perennial anthropogenic herbaceous vegetation](#), [V39 Mesic perennial anthropogenic herbaceous vegetation](#)

### Broad habitat

Occurrence in broad habitats: **Mire, Grassland (non-alpine, non-saline), Alpine-subalpine and arctic grassland, Saline vegetation, Scrub, Forest, Sparsely vegetated (incl. rock and scree), Synanthropic**