

# *Achillea ligustica*

## Habitus and growth type

Plant height [m]: **0.58**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Flower

Flowering period: **May-July**

## Fruit, seed and dispersal

Seed mass [mg]: **0.29**

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**

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

Nutrient relationship: **Mesotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **7.5**

Temperature indicator value: **9**

Moisture indicator value: **4**

Reaction indicator value: **5.7**

Nutrient indicator value: **4.5**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.21**

Disturbance frequency (herb layer): **1.37**

Disturbance severity: **0.67**

Disturbance severity (herb layer): **0.28**

Mowing frequency: **0.09**

Grazing pressure: **0.25**

Soil disturbance: **0.15**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [FF \(LYG\) \*Lygeo sparti-Stipetea tenacissimae\*](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [T1D Southern European mountain \*Betula\* and \*Populus tremula\* forest on mineral soils](#)

Constant species of EUNIS habitats: [S74 Central Mediterranean mountain hedgehog-heath](#), [T1D Southern European mountain \*Betula\* and \*Populus tremula\* forest on mineral soils](#)

### Broad habitat

Occurrence in broad habitats: **Grassland (non-alpine, non-saline),  
Oromediterranean scrub, Forest, Sparsely vegetated (incl. rock and scree)**