

# *Solidago virgaurea*

## Habitus and growth type

Plant height [m]: **0.49**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **20.63**

## Flower

Flowering period: **June-October**

## Fruit, seed and dispersal

Seed mass [mg]: **0.53**

Dispersal mode: **Anemochory**

Dispersal distance class: **3**

## 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**

Nutrient relationship: **Mesotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **6**

Moisture indicator value: **5.2**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.12**

Disturbance frequency (herb layer): **1.28**

Disturbance severity: **0.63**

Disturbance severity (herb layer): **0.17**

Mowing frequency: **0.05**

Grazing pressure: **0.2**

Soil disturbance: **0.12**

## Habitat and sociology

EUNIS habitat

Diagnostic species of EUNIS habitats: [T1C Temperate and boreal mountain Betula and Populus tremula forest on mineral soils](#), [T3F Dark taiga](#), [T3H Larix light taiga](#), [U21 Boreal and Arctic siliceous scree and block field](#)

Constant species of EUNIS habitats: [R1G Iberian oromediterranean siliceous dry grassland](#), [R23 Mountain hay meadow](#), [R42 Boreal and Arctic acidophilous alpine grassland](#), [R51 Thermophilous forest fringe of base-rich soils](#), [R52 Forest fringe of acidic nutrient-poor soils](#), [R56 Montane to subalpine moist or wet tall-herb and fern fringe](#), [S22 Alpine and subalpine ericoid heath](#), [S25 Subalpine and subarctic deciduous scrub](#), [S26 Subalpine Pinus mugo scrub](#), [T17 Fagus forest on non-acid soils](#), [T18 Fagus forest on acid soils](#), [T1B Acidophilous Quercus forest](#), [T1C Temperate and boreal mountain Betula and Populus tremula forest on mineral soils](#), [T1D Southern European mountain Betula and Populus tremula forest on mineral soils](#), [T1F Ravine forest](#), [T31 Temperate mountain Picea forest](#), [T32 Temperate mountain Abies forest](#), [T34 Temperate subalpine Larix, Pinus cembra and Pinus uncinata forest](#), [T35 Temperate continental Pinus sylvestris forest](#), [T36 Temperate and submediterranean montane Pinus sylvestris-Pinus nigra forest](#), [T3C Taxus baccata forest](#), [T3F Dark taiga](#), [T3G Pinus sylvestris light taiga](#), [T3H Larix light taiga](#), [T3K Picea mire forest](#), [U21 Boreal and Arctic siliceous scree and block field](#), [U25 Boreal and Arctic base-rich scree and block field](#), [U35 Boreal and Arctic base-rich inland cliff](#)

Broad habitat

Occurrence in broad habitats: **Coastal saltmarsh, Wetland, Grassland (non-alpine, non-saline), Alpine-subalpine and arctic grassland, Heathland, Scrub, Forest, Sparsely vegetated (incl. rock and scree)**

## Distribution

Continentality amplitude: 7