# *Solidago virgaurea*

### Habitus and growth type

Plant height [m]: **0.49**
Life span: **Perennial**
Life form: **Hemicryptophyte**

### Leaf

Specific leaf area [$mm^2$/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**

*© 2014–2026 Pladias – Citation: Pladias – Database of the Czech Flora and Vegetation. www.pladias.cz*

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**

*© 2014-2026 Pladias – Citation: Pladias – Database of the Czech Flora and Vegetation. www.pladias.cz*