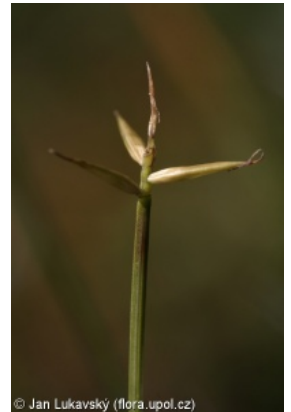
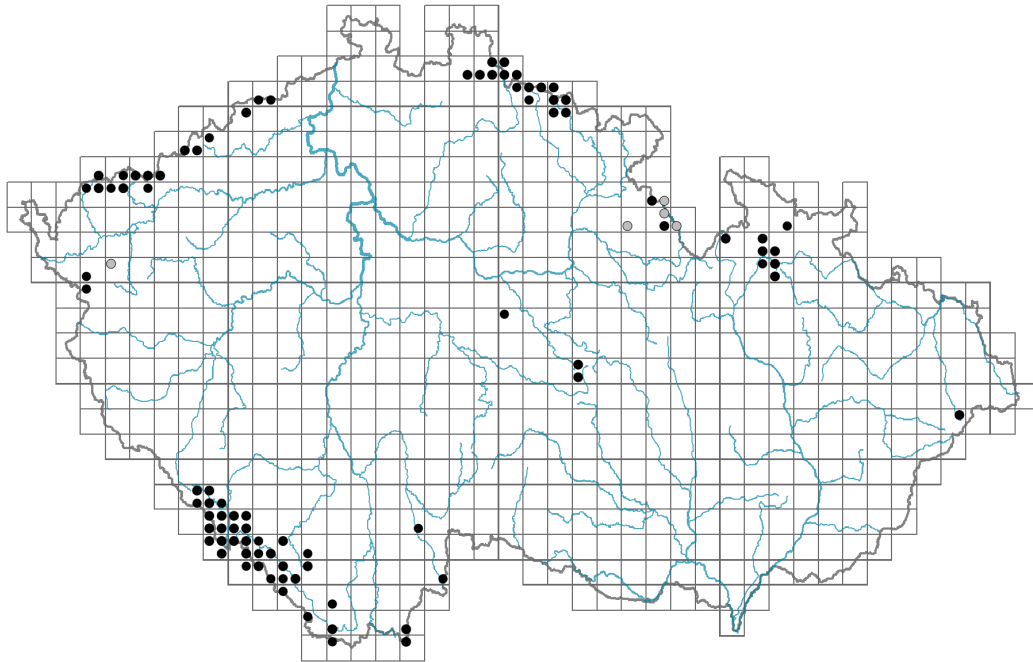


Carex pauciflora

Distribution



Map info

● revised records

● unrevised records

On the map are not visualized records without the coordinates and records marked as incorrect or doubtful.



Habitus and growth type

Height [m]: **0.1-0.2**

Growth form: **clonal herb**

Life form: **hemicryptophyte (geophyte)**

Life strategy: **S - stress-tolerator**

Life strategy (Pierce method based on leaf traits): **S/SR**

Life strategy (Pierce method, C-score): **2 %**

Life strategy (Pierce method, S-score): **64.6 %**

Life strategy (Pierce method, R-score): **33.4 %**

Leaf

Leaf presence and metamorphosis: **leaves present, not modified**

Leaf arrangement (phyllotaxis): **alternate**

Leaf shape: **simple - entire**

Stipules: **absent**

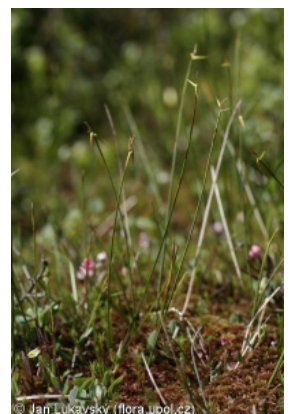
Petiole: **absent**

Leaf life span: **evergreen**

Leaf anatomy: **scleromorphic, helomorphic**

Flower

Flowering period [month]: **May-July**



Flowering phase: **7 Ligustrum vulgare-Stachys sylvatica (end of early summer)**

Flower colour: **brown**

Perianth type: **flower achlamydeous**

Inflorescence type: **spicula**

Dicliny: **monoecious**

Generative reproduction type: **mixed mating**

Pollination syndrome: **wind-pollination**



Fruit, seed and dispersal

Fruit type: **dry fruit - nut enclosed in an utricle**

Fruit colour: **yellow, brown**

Reproduction type: **by seed/spores and vegetatively**

Dispersal unit (diaspore): **fruit, infrutescence or its part**

Dispersal strategy: **Allium (mainly autochory)**

Belowground organs and clonality

Shoot metamorphosis: **stolon, rhizome**

Storage organ: **stolon, rhizome**

Type of clonal growth organ: **hypogeogenous rhizome**

Freely dispersible organs of clonal growth: **absent**

Shoot life span (cyclicity): **dicyclic or polycyclic shoots prevailing**

Branching type of stem-derived organs of clonal growth: **sympodial**

Primary root: **absent**

Persistence of the clonal growth organ [year]: **4**

Number of clonal offspring: **1**

Lateral spreading distance by clonal growth [m]: **0.07**

Clonal index: **4**

Bud bank

Number of buds per shoot at the soil surface (root buds excluded): **5**

Number of buds per shoot at a depth of 0–10 cm (root buds excluded): **15**

Number of buds per shoot at a depth greater than 10 cm (root buds excluded): **0**

Size of the belowground bud bank (root buds excluded): **20**

Depth of the belowground bud bank (root buds excluded) [cm]: **4**

Number of buds per shoot at the soil surface (root buds included): **5**

Number of buds per shoot at a depth of 0–10 cm (root buds included): **15**

Number of buds per shoot at a depth greater than 10 cm (root buds included): **0**

Size of the belowground bud bank (root buds included): **20**

Depth of the belowground bud bank (root buds included) [cm]: **4**

Trophic mode

Parasitism and mycoheterotrophy: **autotrophic**

Carnivory: **non-carnivorous**

Symbiotic nitrogen fixation: **no nitrogen-fixing symbionts**

Karyology

Chromosome number (2n): **76**

Ploidy level (x): **2**

2C genome size [Mbp]: **731.65**

1Cx monoploid genome size [Mbp]: **365.82**

Genomic GC content: **36.5 %**

Taxon origin

Origin in the Czech Republic: **native**

Ecological indicator values

Ellenberg-type indicator values

Light indicator value: **9 - full light plant, occurring only in fully irradiated places, not at less than 50% of diffuse radiation incident in an open area**

Temperature indicator value: **3 - cool indicator, occurring mainly in subalpine areas**

Moisture indicator value: **9 - wetness indicator, focus on often soaked, poorly aerated soils**

Reaction indicator value: **1 - indicator of strong acidity, never occurring in slightly acidic to alkaline conditions**

Nutrient indicator value: **1 - occurring at nutrient-poorest sites**

Salinity indicator value: **0 - not salt tolerant, glycophyte**

Indicator values for disturbance

Whole-community disturbance frequency indicator value: **-1.89**

Herb layer disturbance frequency indicator value: **-1.83**

Whole-community disturbance severity indicator value: **0**

Herb layer disturbance severity indicator value: **0.03**

Whole-community structure based disturbance indicator value: **0.47**

Herb layer structure-based disturbance indicator value: **0.34**

Habitat and sociology

Occurrence in habitats

5 Vegetation of springs and mires

5C Alpine and subalpine soft-water springs: **1 - rare occurrence**

5E Acidic moss-rich fens and peatland meadows: **1 - rare occurrence**

5F Transitional mires: **2 - optimum**

5G Raised bogs: **2 - optimum**

5H Wet peat soils and bog hollows: **1 - rare occurrence**

11 Heathlands and scrub

11D Subalpine acidophilous Pinus mugo scrub: **1 - rare occurrence**

12 Forests

12Q Peatland birch forests: **1 - rare occurrence**

12R Acidophilous spruce forests: **1 - rare occurrence**

Affinity to the forest environment

Affinity to the forest environment in Mesophyticum and Oreophyticum: **2.2 - taxon**

occurring partly in the forest, but mainly in open vegetation

Diagnostic taxon

Diagnostic taxon of classes: [RC *Oxycocco-Sphagnetea*](#)

Diagnostic taxon of alliances: [RCA *Sphagnion magellanic*](#), [RCB *Oxycocco palustris-Ericion tetralicis*](#), [RCC *Oxycocco microcarpi-Empetrion hermaphroditi*](#)

Diagnostic taxon of associations: [RBC05 *Calliergo sarmentosi-Eriophoretum angustifolii*](#), [RCA02 *Andromedo polifoliae-Sphagnetum magellanic*](#), [RCB01 *Trichophoro cespitosi-Sphagnetum papilloso*](#), [RCC01 *Trichophoro cespitosi-Sphagnetum compacti*](#), [RCC02 *Empetro nigri-Sphagnetum fusc*](#)

Constant taxon

Constant taxon of alliances: [RCB *Oxycocco palustris-Ericion tetralicis*](#)

Constant taxon of associations: [RCA02 *Andromedo polifoliae-Sphagnetum magellanic*](#), [RCB01 *Trichophoro cespitosi-Sphagnetum papilloso*](#), [RCC01 *Trichophoro cespitosi-Sphagnetum compacti*](#)

Dominant taxon

Dominant taxon of associations: [RCA02 *Andromedo polifoliae-Sphagnetum magellanic*](#)

Ecological specialization indices

Ecological specialization index for all vegetation types: **6.6**

Ecological specialization index for non-forest vegetation: **6.8**

Ecological specialization index for forest vegetation: **7.1**

Colonization ability

Index of colonization success (ICS): **1**

Index of colonization potential (ICP): **1**

Distribution and frequency

Floristic zone: **boreal, northern temperate, southern temperate, submeridional**

Floristic region: **circumpolar**

Continental degree: **5**

Distribution range extension along the continentality gradient: **4**

Elevational belt in the Czech Republic: **submontane belt, montane belt, subalpine belt**

Occurrence frequency in the basic grid mapping cells and quadrants of the basic grid mapping cells: **59**

taxon.data.freq_in_quad: **98**

Commonness in vegetation plots from the Czech Republic

Occurrence frequency in vegetation plots: **0.3 %**

Occurrence frequency in vegetation plots with a cover above 5%: **26.7 %**

Occurrence frequency in vegetation plots with a cover above 25%: **8.1 %**

Occurrence frequency in vegetation plots with a cover above 50%: **1.2 %**

Mean percentage cover in vegetation plots: **7.7 %**

Maximum percentage cover in vegetation plots: **63 %**

Number of habitats with taxon occurrence in the Czech Republic

Number of narrow habitats in which the taxon occurs: **8**

Number of narrow habitats in which the taxon has its optimum: **2**

Number of broad habitats in which the taxon occurs: **3**

Number of broad habitats in which the taxon has its optimum: **1**

Threats and protection

Red List 2017 (national categories): **C3 - vulnerable taxon**

Red List 2017 (IUCN categories): **NT - near threatened**

Legal protection: **not protected by law**