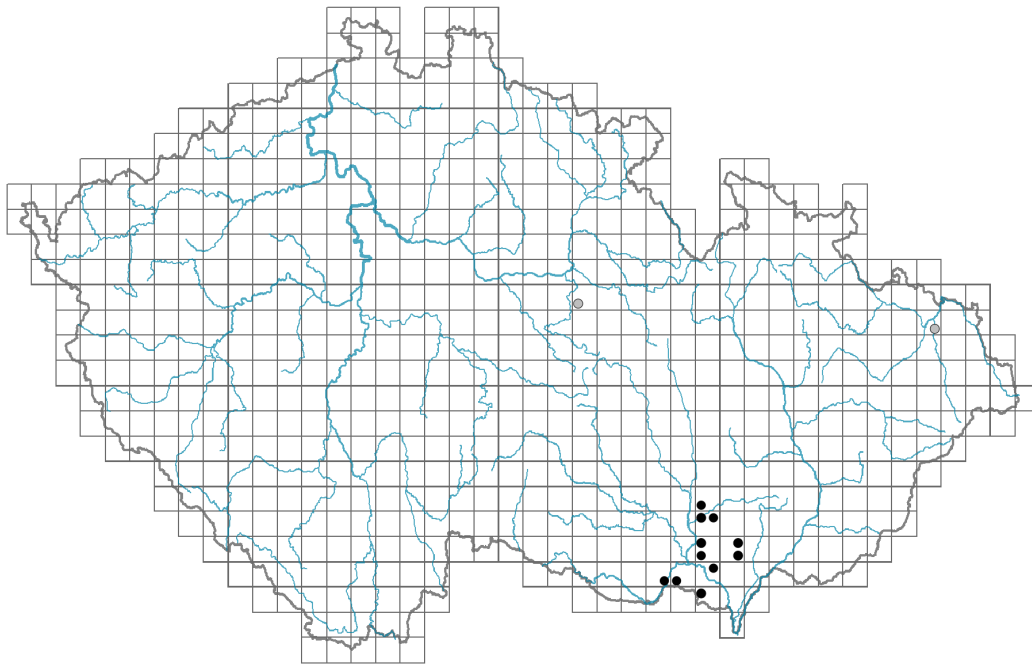


# *Salicornia perennans*

## 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]: **0.05-0.3**

Growth form: **polycarpic perennial non-clonal herb**

Life form: **therophyte**

## Leaf

Leaf presence and metamorphosis: **leaves reduced to collars**

Leaf shape: **simple - entire**

Stipules: **absent**

## Flower

Flowering period [month]: **August-October**

Flower colour: **green**

Flower symmetry: **actinomorphic**

Perianth type: **homochlamydeous**

Perianth fusion: **fused**

Inflorescence type: **pseudospica**

## Fruit, seed and dispersal

Fruit type: **dry fruit - achene/cypsela/samara**

Fruit colour: **brown**

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

Dispersal strategy: **Sparganium (mainly autochory and hydrochory)**

Myrmecochory: **non-myrmecochorous (b)**

## **Belowground organs and clonality**

Shoot life span (cyclicality): **monocyclic shoots prevailing**

Primary root: **present**

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): **0**

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): **5**

Depth of the belowground bud bank (root buds excluded) [cm]: **1**

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): **0**

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): **5**

Depth of the belowground bud bank (root buds included) [cm]: **1**

## **Trophic mode**

Parasitism and mycoheterotrophy: **autotrophic**

Carnivory: **non-carnivorous**

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

## **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: **8 - transition between values 7 and 9**

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

Reaction indicator value: **8 - transition between values 7 and 9, occurring mostly in calcium-rich conditions**

Nutrient indicator value: **7x - occurring at nutrient-rich sites more often than at average sites and only exceptionally at poor sites (generalist)**

Salinity indicator value: **9 - euhaline to hypersaline, on soils with a very high and in dry periods extremely high salt content**

## **Habitat and sociology**

Occurrence in habitats

4 Wetland and riverine herbaceous vegetation

4B Halophilous reed and sedge beds: **1 - rare occurrence**

10 Saline vegetation

10H Inland vegetation of succulent halophytes: **3 - dominant**

10J Saline steppes: **1 - rare occurrence**

Affinity to the forest environment

Affinity to the forest environment in Thermophyticum: **0 - taxon that does not spontaneously occur in Czech forests**

Affinity to the forest environment in Mesophyticum and Oreophyticum: **0 - taxon that does not spontaneously occur in Czech forests**

Diagnostic taxon

Diagnostic taxon of classes: [TB \*Thero-Salicornietea strictae\*](#)

Diagnostic taxon of alliances: [TBA \*Salicornion prostratae\*](#)

Diagnostic taxon of associations: [TBA01 \*Salicornietum prostratae\*](#), [TBA02 \*Spergulario marginatae-Suaedetum prostratae\*](#)

Constant taxon

Constant taxon of classes: [TB \*Thero-Salicornietea strictae\*](#)

Constant taxon of alliances: [TBA \*Salicornion prostratae\*](#)

Constant taxon of associations: [TBA01 \*Salicornietum prostratae\*](#)

Dominant taxon

Dominant taxon of associations: [TBA01 \*Salicornietum prostratae\*](#)

Ecological specialization indices

Ecological specialization index for all vegetation types: **7.5**

Ecological specialization index for non-forest vegetation: **7.4**

## Distribution and frequency

Elevational belt in the Czech Republic: **lowlands**

Occurrence frequency in the basic grid mapping cells and quadrants of the basic grid mapping cells: **11**

taxon.data.freq\_in\_quad: **14**

Commonness in vegetation plots from the Czech Republic

Occurrence frequency in vegetation plots: **0 %**

Occurrence frequency in vegetation plots with a cover above 5%: **61.5 %**

Occurrence frequency in vegetation plots with a cover above 25%: **61.5 %**

Occurrence frequency in vegetation plots with a cover above 50%: **53.8 %**

Mean percentage cover in vegetation plots: **49.2 %**

Maximum percentage cover in vegetation plots: **88 %**

Number of habitats with taxon occurrence in the Czech Republic

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

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

Number of broad habitats in which the taxon occurs: **2**

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

## Threats and protection

Red List 2017 (national categories): **A1 - extinct taxon**

Red List 2017 (IUCN categories): **RE - regionally extinct**

Legal protection: **not protected by law**