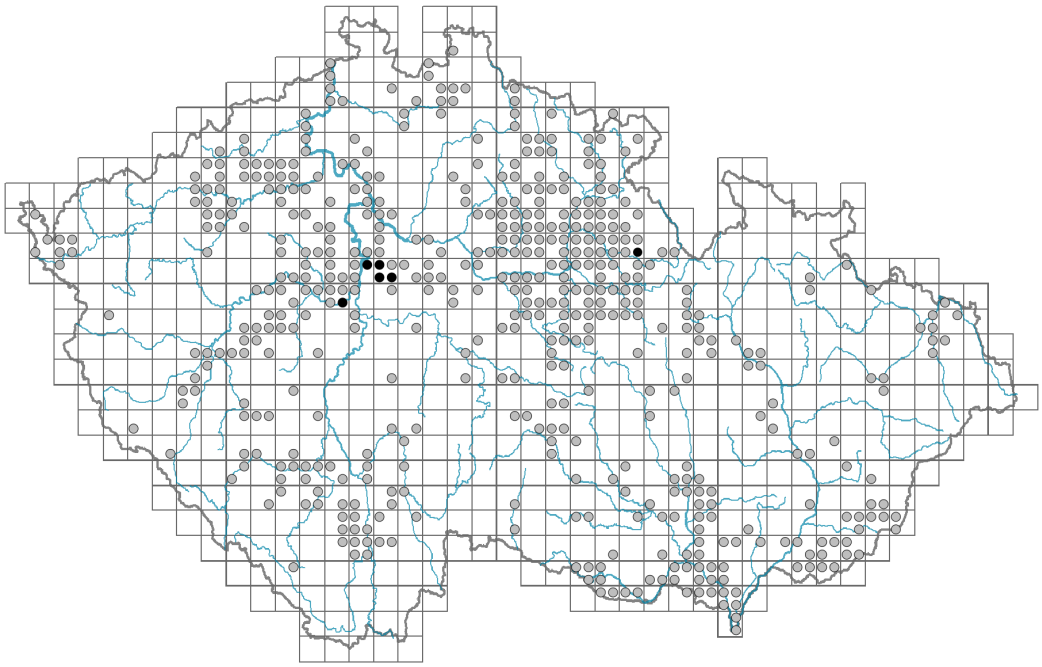
Atriplex prostrata subsp. *latifolia*

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]: **0.2–0.6**
Growth form: **annual herb**
Life form: **therophyte**
Life strategy (Pierce method based on leaf traits): **CR**
Life strategy (Pierce method, C-score): **58 %**
Life strategy (Pierce method, S-score): **0 %**
Life strategy (Pierce method, R-score): **42.1 %**

Leaf

Leaf presence and metamorphosis: **leaves present, not modified**
Leaf arrangement (phyllotaxis): **alternate, opposite**
Leaf shape: **simple – entire**
Stipules: **absent**
Petiole: **present**
Leaf life span: **summer green**
Leaf anatomy: **mesomorphic**

Flower

Flower colour: **green**
Flower symmetry: **actinomorphic**

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Perianth type: **homochlamydeous, sometimes absent**
Perianth fusion: **free**
Inflorescence type: **pseudospica**
Generative reproduction type: **mixed mating**
Pollination syndrome: **wind-pollination, insect-pollination, selfing**



Fruit, seed and dispersal



Fruit type: **dry fruit – achene/cypsela/samara**
Fruit colour: **brown, black**
Reproduction type: **only by seed/spores**
Dispersal unit (diaspore): **fruit, infrutescence or its part**
Dispersal strategy: **Allium (mainly autochory)**
Myrmecochory: **non-myrmecochorous (b)**

Belowground organs and clonality



Shoot life span (cyclicity): **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 exluded) [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: **8 – light plant, only exceptionally occurring at less than 40% of diffuse radiation incident in an open area**
Temperature indicator value: **7 – heat indicator, occurring in relatively warm lowlands**
Moisture indicator value: **7 – humidity indicator, focus on well moistened, but not**

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wet soils

Reaction indicator value: **7 – indicator of slightly acidic to slightly basic conditions, never occurring in very acidic conditions**

Nutrient indicator value: **8 – pronounced nutrient indicator**

Salinity indicator value: **3 – β-mesohaline, mostly on soils with low salt content**

Indicator values for disturbance

Whole-community disturbance frequency indicator value: **-0.15**

Herb layer disturbance frequency indicator value: **-0.15**

Whole-community disturbance severity indicator value: **0.65**

Herb layer disturbance severity indicator value: **0.66**

Whole-community structure based disturbance indicator value: **0.61**

Herb layer structure-based disturbance indicator value: **0.65**





Habitat and sociology

Occurrence in habitats

4 Wetland and riverine herbaceous vegetation

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

4C Eutrophic vegetation of muddy substrata: **1 – rare occurrence**

4H Vegetation of low annual hygrophilous herbs: **1 – rare occurrence**

4I Vegetation of nitrophilous annual hygrophilous herbs: **2 – optimum**



6 Meadows and mesic pastures

6C Pastures and park grasslands: **1 – rare occurrence**

6G Vegetation of wet disturbed soils: **1 – rare occurrence**

10 Saline vegetation

10G Continental vegetation of annual halophilous grasses: **2 – optimum**

10H Inland vegetation of succulent halophytes: **2 – optimum**

10I Inland saline meadows: **2 – optimum**

10J Saline steppes: **2 – optimum**



13 Anthropogenic vegetation

13A Annual vegetation of ruderal habitats: **2 – optimum**

13B Annual vegetation of arable land: **1 – rare occurrence**

13C Annual vegetation of trampled habitats: **1 – rare occurrence**

13D Perennial thermophilous ruderal vegetation: **1 – rare occurrence**

13E Perennial nitrophilous herbaceous vegetation of mesic sites: **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: **MB *Bidentetea tripartitae***, **TA *Crypsietea aculeatae***, **TB *Thero-Salicornietea strictae***

Diagnostic taxon of alliances: **MAC *Verbenion supinae***, **MBB *Chenopodion rubri***, **TAA *Cypero-Spergularion salinae***, **TBA *Salicornion prostratae***, **TCA *Puccinellion limosae***

Diagnostic taxon of associations: **MAC01 *Veronico anagalloidis-Lythretum***

hyssopifoliae*, MBA04 *Polygono brittingeri-Chenopodietum rubri*, MBB02 *Bidenti frondosae-Atriplicetum prostratae*, MBB04 *Chenopodio chenopodioidis-Atriplicetum prostratae*, MCB01 *Astero pannonici-Bolboschoenetum compacti*, TAA02 *Heleochloëtum schoenoidis*, TBA02 *Spergulario marginatae-Suaedetum prostratae*, TCA01 *Puccinellietum limosae*, TCB03 *Agrostio stoloniferae-Juncetum ranarii*, XBG02 *Chenopodietum urbici



Constant taxon

Constant taxon of alliances: **TCA *Puccinellion limosae***

Constant taxon of associations: **MBA04 *Polygono brittingeri-Chenopodietum rubri*, MBB02 *Bidenti frondosae-Atriplicetum prostratae*, MBB04 *Chenopodio chenopodioidis-Atriplicetum prostratae*, TAA02 *Heleochloëtum schoenoidis*, TCA01 *Puccinellietum limosae***



Dominant taxon

Dominant taxon of associations: **MBB02 *Bidenti frondosae-Atriplicetum prostratae*, XBG08 *Descurainietum sophiae***

Ecological specialization indices

Ecological specialization index for all vegetation types: **4.1**

Ecological specialization index for non-forest vegetation: **4.1**



Colonization ability

Index of colonization success (ICS): **2**

Index of colonization potential (ICP): **2**

Optimum successional age [years]: **1**

Distribution and frequency

Distribution range extension along the continentality gradient: **7**

Elevational belt in the Czech Republic: **lowlands, colline belt, submontane belt**

Occurrence frequency in the basic grid mapping cells and quadrants of the basic grid mapping cells: 343

taxon.data.freq_in_quad: 672



Commonness in vegetation plots from the Czech Republic

Occurrence frequency in vegetation plots: **0.5 %**

Occurrence frequency in vegetation plots with a cover above 5%: **18.1 %**

Occurrence frequency in vegetation plots with a cover above 25%: **10.6 %**

Occurrence frequency in vegetation plots with a cover above 50%: **8.8 %**

Mean percentage cover in vegetation plots: **9.9 %**

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: **15**

Number of narrow habitats in which the taxon has its optimum: **6**

Number of broad habitats in which the taxon occurs: **4**

Number of broad habitats in which the taxon has its optimum: **3**

Threats and protection

Red List 2017 (national categories): **C4a – near threatened taxon**

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

Legal protection: **not protected by law**

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