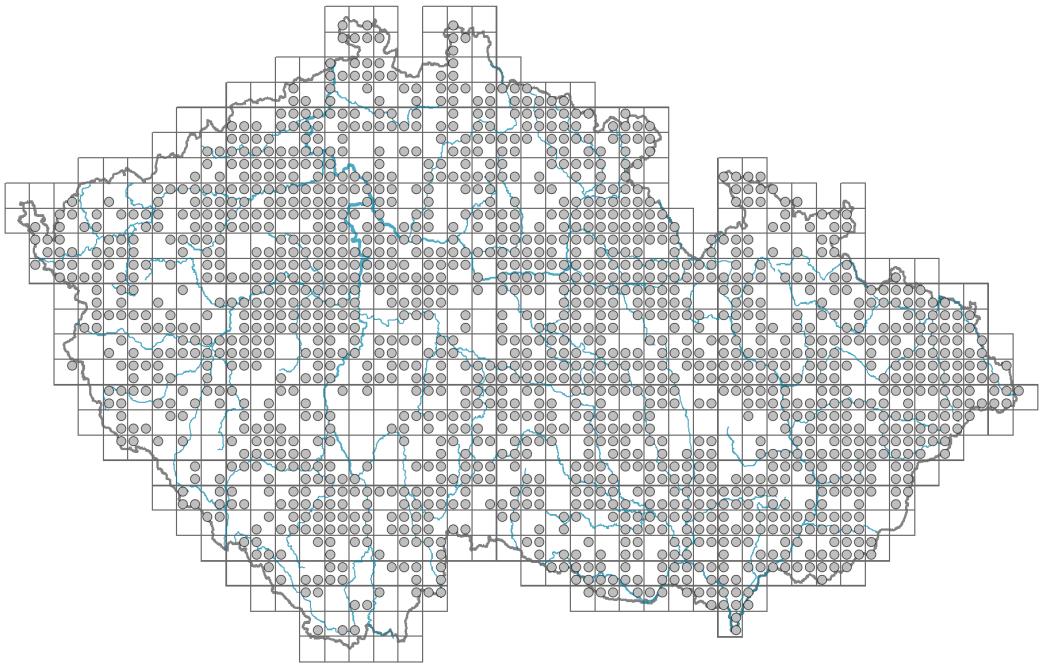
Polygonum aviculare

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]: **0.1–0.6**
Growth form: **annual herb**
Life form: **therophyte**
Life strategy: **R – ruderal**



Leaf

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



Flower

Flowering period [month]: **June–October**
Flowering phase: **7 Ligustrum vulgare-Stachys sylvatica (end of early summer)**
Flower colour: **green-white, pink**
Flower symmetry: **actinomorphic**
Perianth type: **homochlamydeous**



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Perianth fusion: **fused**
Shape of the sympetalous corolla or syntepalous perianth: **tubular**
Inflorescence type: **fasciculus**
Dicliny: **synoecious**
Generative reproduction type: **autogamy**
Pollination syndrome: **insect-pollination, selfing, cleistogamy**



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: **probably non-myrmecochorous**



Trophic mode

Parasitism and mycoheterotrophy: **autotrophic**
Carnivory: **non-carnivorous**
Symbiotic nitrogen fixation: **no nitrogen-fixing symbionts**



Karyology

Chromosome number (2n): **60 (40)**
Ploidy level (x): **6 (4)**
2C genome size [Mbp]: **2249.87**
1Cx monoploid genome size [Mbp]: **374.98**
Genomic GC content: **41.6 %**



Taxon origin

Origin in the Czech Republic: **native**



Ecological indicator values

Ellenberg-type indicator values

Light indicator value: **7 – half-light plant, mostly occurring at full light, but also in the shade up to about 30% of diffuse radiation incident in an open area**
Temperature indicator value: **6 – transition between values 5 and 7**
Moisture indicator value: **5 – indicator of fresh soils, focus on soils of average moisture, missing on wet and on soils that frequently dry out**
Reaction indicator value: **6x – transition between values 5 and 7 (generalist)**
Nutrient indicator value: **7 – occurring at nutrient-rich sites more often than at average sites and only exceptionally at poor sites**
Salinity indicator value: **1 – salt tolerant, mostly on low-salt to salt-free soils, but occasionally on slightly salty soils**

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Habitat and sociology

Occurrence in habitats

4 Wetland and riverine herbaceous vegetation

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

4I Vegetation of nitrophilous annual hygrophilous herbs: **1 – rare occurrence**

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

10I Inland saline meadows: **1 – rare occurrence**

11 Heathlands and scrub

11R Scrub and pioneer woodland of forests clearings: **1 – rare occurrence**

12 Forests

12T Robinia pseudacacia plantations: **1 – rare occurrence**

13 Anthropogenic vegetation

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

13B Annual vegetation of arable land: **2 – optimum**

13C Annual vegetation of trampled habitats: **2 – optimum**

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: **XB *Stellarietea mediae***

Diagnostic taxon of alliances: **XBA *Caucalidion***, **XBC *Scleranthion annui***

Diagnostic taxon of associations: **XBA01 *Caucalido platycarpi-Conringietum orientalis***, **XBA03 *Euphorbio exiguae-Melandrietum noctiflori***, **XBG12 *Ivaetum xanthiifoliae***, **XBK05 *Setario pumilae-Hibiscetum trioni***

Constant taxon

Constant taxon of classes: **XB *Stellarietea mediae***

Constant taxon of alliances: **XBA *Caucalidion***, **XBB *Veronico-Euphorbion***, **XBC *Scleranthion annui***, **XBF *Spergulo arvensis-Erodion cicutariae***

Constant taxon of associations: **MAC02 *Cerastio dubii-Ranunculetum sardoi***, **XBA01 *Caucalido platycarpi-Conringietum orientalis***, **XBA02 *Lathyro tuberosi-Adonidetum aestivalis***, **XBA03 *Euphorbio exiguae-Melandrietum noctiflori***, **XBA04 *Stachyo annuae-Setarietum pumilae***, **XBB01 *Mercurialietum annuae***, **XBB02 *Veronico-Lamietum hybridi***, **XBC01 *Aphano arvensis-Matricarietum chamomillae***, **XBC02 *Spergulo arvensis-Scleranthetum annui***, **XBC03 *Erophilo vernae-Arabidopsietum thalianae***, **XBF01 *Setario pumilae-Echinochloëtum cruris-galli***, **XBG06 *Atriplicetum roseae***, **XBG10 *Chamaeplietum officinalis***, **XBG12 *Ivaetum xanthiifoliae***, **XBG13 *Kochietum densiflorae***, **XBH01 *Hordeetum murini***, **XBJ01 *Chenopodietum botryos***, **XBK03 *Eragrostio poaeoidis-Panicetum capillaris***, **XBK05 *Setario pumilae-Hibiscetum trioni***

Dominant taxon

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Dominant taxon of associations: **XBG06 *Atriplicetum roseae***

Colonization ability

Index of colonization success (ICS): **3**
Index of colonization potential (ICP): **1**
Optimum successional age [years]: **1**

Distribution and frequency

Floristic zone: **boreal, northern temperate, southern temperate, submeridional, meridional, subtropical, tropical, austral or antarctic**
Floristic region: **circumpolar**
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: 586
taxon.data.freq_in_quad: 1545

Number of habitats with taxon occurrence in the Czech Republic

Number of narrow habitats in which the taxon occurs: **12**
Number of narrow habitats in which the taxon has its optimum: **3**
Number of broad habitats in which the taxon occurs: **6**
Number of broad habitats in which the taxon has its optimum: **1**

Threats and protection

Red List 2017 (national categories): **taxon is not on the Red List**
Red List 2017 (IUCN categories): **LC(NA) – least concern (taxon is not on the Red List)**
Legal protection: **not protected by law**

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