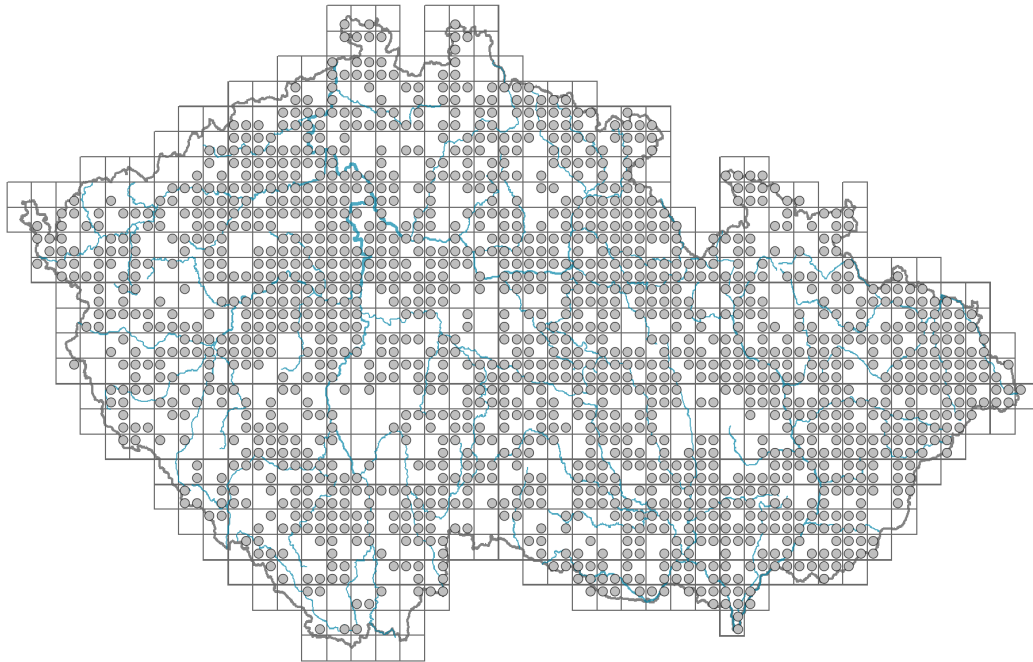


Polygonum aviculare

Distribution



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Map info

● revised records

○ unrevised records

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



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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 sardoii*](#), [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 vernaе-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

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**