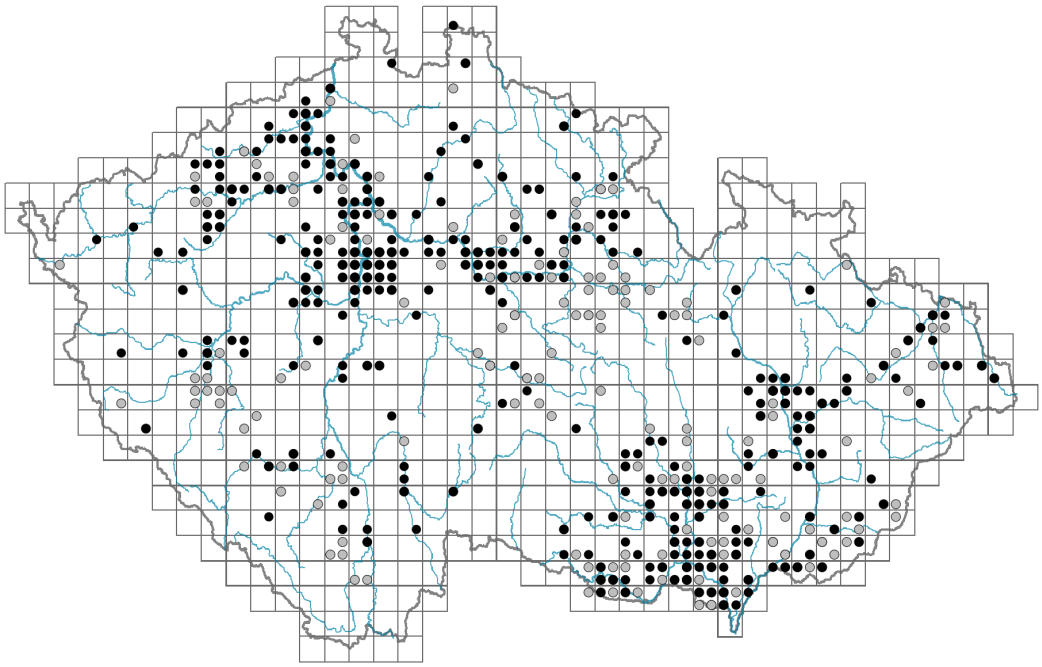
Bassia scoparia

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]: **0.1–1**
Growth form: **annual herb**
Life form: **therophyte**
Life strategy: **CR – competitor/ruderal**
Life strategy (Pierce method based on leaf traits): **R/SR**
Life strategy (Pierce method, C-score): **10.2 %**
Life strategy (Pierce method, S-score): **27.8 %**
Life strategy (Pierce method, R-score): **62 %**



Leaf

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

Flower

Flowering period [month]: **July–September**

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Flower colour: **green**
Flower symmetry: **actinomorphic**
Perianth type: **homochlamydeous**
Perianth fusion: **fused**
Inflorescence type: **pseudospica**
Dicliny: **gynomonoecious**
Generative reproduction type: **facultative allogamy**
Pollination syndrome: **wind-pollination, insect-pollination, selfing**

Fruit, seed and dispersal



Fruit type: **dry fruit – achene/cypsela/samara**
Fruit colour: **brown**
Reproduction type: **only by seed/spores**
Dispersal unit (diaspore): **seed, fruit, infrutescence or its part, tumbleweed**
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: **neophyte**
Invasion status: **invasive**
Geographic origin: **Europe, Mediterranean, Asia**

Ecological indicator values

Ellenberg-type indicator values

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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: **4 – transition between values 3 and 5**
Reaction indicator value: **6 – transition between values 5 and 7**
Nutrient indicator value: **6 – transition between values 5 and 7**
Salinity indicator value: **1 – salt tolerant, mostly on low-salt to salt-free soils, but occasionally on slightly salty soils**



Indicator values for disturbance

Whole-community disturbance frequency indicator value: **0.48**
Herb layer disturbance frequency indicator value: **0.48**
Whole-community disturbance severity indicator value: **0.97**
Herb layer disturbance severity indicator value: **0.98**
Whole-community structure based disturbance indicator value: **0.66**
Herb layer structure-based disturbance indicator value: **0.64**

Habitat and sociology



Occurrence in habitats

13 Anthropogenic vegetation

13A Annual vegetation of ruderal habitats: **2 – optimum**
13D Perennial thermophilous ruderal vegetation: **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 associations: **XBG13 *Kochietum densiflorae***

Constant taxon

Constant taxon of associations: **XBG13 *Kochietum densiflorae***



Dominant taxon

Dominant taxon of associations: **XBG13 *Kochietum densiflorae***

Ecological specialization indices

Ecological specialization index for all vegetation types: **5**
Ecological specialization index for non-forest vegetation: **4.9**

Colonization ability

Index of colonization success (ICS): **2**
Index of colonization potential (ICP): **7**
Optimum successional age [years]: **27**

Distribution and frequency

Floristic zone: **southern temperate, submeridional, meridional, subtropical**
Floristic region: **Eastern Europe, Asia**
Continentality degree: **9**

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Distribution range extension along the continentality gradient: **4**
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: 274
taxon.data.freq_in_quad: 465

Commonness in vegetation plots from the Czech Republic

Occurrence frequency in vegetation plots: **0.1 %**
Occurrence frequency in vegetation plots with a cover above 5%: **52.4 %**
Occurrence frequency in vegetation plots with a cover above 25%: **42.9 %**
Occurrence frequency in vegetation plots with a cover above 50%: **28.6 %**
Mean percentage cover in vegetation plots: **28.9 %**
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: **2**
Number of narrow habitats in which the taxon has its optimum: **1**
Number of broad habitats in which the taxon occurs: **1**
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**







