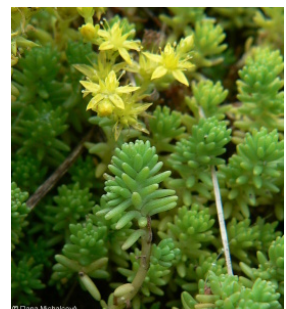
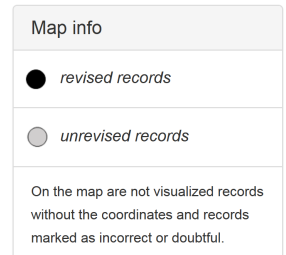
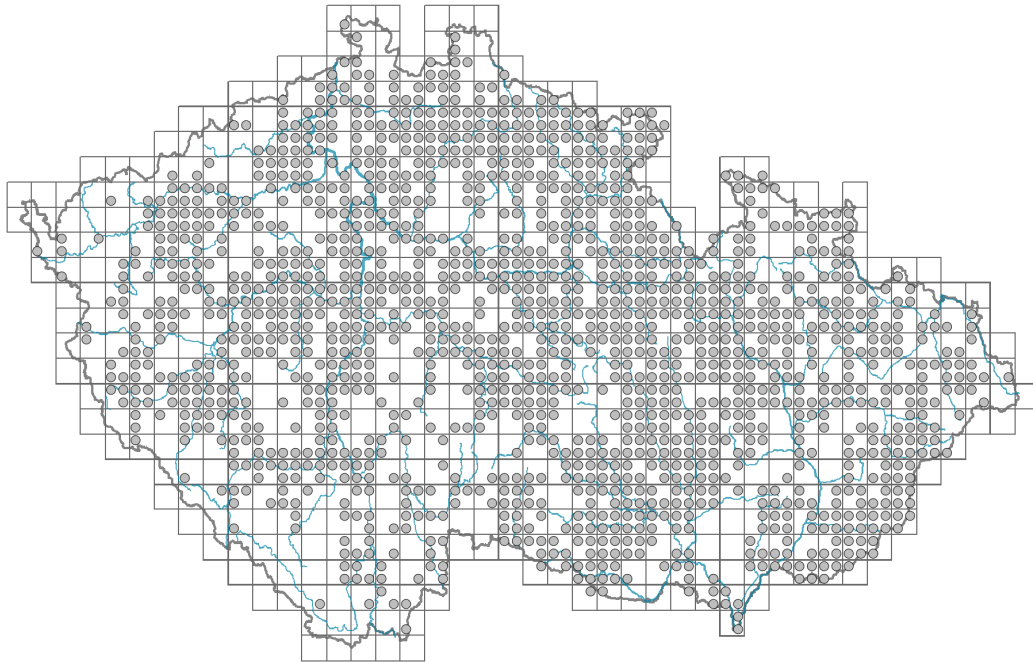


Sedum sexangulare

Distribution



Habitus and growth type

Height [m]: **0.05-0.15**

Growth form: **clonal herb**

Life form: **chamaephyte**

Life strategy: **S - stress-tolerator**

Life strategy (Pierce method based on leaf traits): **S**

Life strategy (Pierce method, C-score): **0 %**

Life strategy (Pierce method, S-score): **92.4 %**

Life strategy (Pierce method, R-score): **7.6 %**

Leaf

Leaf presence and metamorphosis: **leaves present, not modified**

Leaf arrangement (phyllotaxis): **alternate**

Leaf shape: **simple - entire**

Stipules: **absent**

Petiole: **absent**

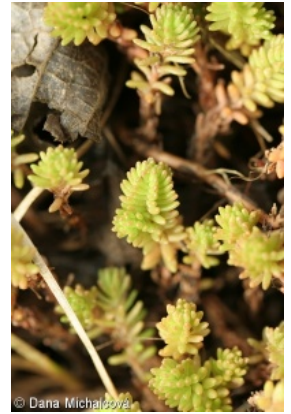
Leaf life span: **evergreen**

Leaf anatomy: **succulent**

Flower

Flowering period [month]: **June-July**

Flowering phase: **7 Ligustrum vulgare-Stachys sylvatica (end of early summer)**
 Flower colour: **yellow**
 Flower symmetry: **actinomorphic**
 Perianth type: **calyx and corolla**
 Perianth fusion: **free**
 Calyx fusion: **fused at the base**
 Inflorescence type: **cincinnus**
 Dicliny: **synoecious**
 Generative reproduction type: **mixed mating**
 Pollination syndrome: **insect-pollination, selfing**



Fruit, seed and dispersal

Fruit type: **dry fruit - cluster of follicles**
 Fruit colour: **brown**
 Reproduction type: **by seed/spores and vegetatively**
 Dispersal unit (diaspore): **seed, shoot fragment**
 Dispersal strategy: **Allium (mainly autochory)**
 Myrmecochory: **probably myrmecochorous**



Belowground organs and clonality

Shoot metamorphosis: **stolon, shoot succulence**
 Storage organ: **stolon, succulence**
 Type of clonal growth organ: **stolon**
 Freely dispersible organs of clonal growth: **absent**
 Shoot life span (cyclicality): **dicyclic or polycyclic shoots prevailing**
 Branching type of stem-derived organs of clonal growth: **sympodial**
 Primary root: **absent**
 Persistence of the clonal growth organ [year]: **4**
 Number of clonal offspring: **6**
 Lateral spreading distance by clonal growth [m]: **0.07**
 Clonal index: **5**



Bud bank

Number of buds per shoot at the soil surface (root buds excluded): **10**
 Number of buds per shoot at a depth of 0–10 cm (root buds excluded): **8**
 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): **18**
 Depth of the belowground bud bank (root buds excluded) [cm]: **3**
 Number of buds per shoot at the soil surface (root buds included): **10**
 Number of buds per shoot at a depth of 0–10 cm (root buds included): **8**
 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): **18**
 Depth of the belowground bud bank (root buds included) [cm]: **3**



Trophic mode

Parasitism and mycoheterotrophy: **autotrophic**
 Carnivory: **non-carnivorous**



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

Karyology

Chromosome number (2n): **74 (111)**

Ploidy level (x): **8 (12)**

2C genome size [Mbp]: **1553.37**

1Cx monoploid genome size [Mbp]: **194.17**

Genomic GC content: **40.1 %**

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: **6 - transition between values 5 and 7**

Moisture indicator value: **2 - transition between values 1 and 3**

Reaction indicator value: **6 - transition between values 5 and 7**

Nutrient indicator value: **3 - occurring at nutrient-poor sites more frequently than at average sites and exceptionally at rich sites**

Salinity indicator value: **0 - not salt tolerant, glycophyte**

Indicator values for disturbance

Whole-community disturbance frequency indicator value: **-0.78**

Herb layer disturbance frequency indicator value: **-0.42**

Whole-community disturbance severity indicator value: **0.26**

Herb layer disturbance severity indicator value: **0.29**

Whole-community structure based disturbance indicator value: **0.57**

Herb layer structure-based disturbance indicator value: **0.63**

Habitat and sociology

Occurrence in habitats

1 Vegetation of cliffs, screes and walls

1A Calcareous cliffs: **1 - rare occurrence**

1B Siliceous cliffs and block fields: **1 - rare occurrence**

1C Walls: **1 - rare occurrence**

1D Mobile calcareous screes: **2 - optimum**

6 Meadows and mesic pastures

6A Mesic Arrhenatherum meadows: **1 - rare occurrence**

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

7 Acidophilous grasslands

7B Submontane Nardus grasslands: **1 - rare occurrence**

8 Dry grasslands

8A Hercynian dry grasslands on rock outcrops: **2 - optimum**

- 8B Submediterranean dry grasslands on rock outcrops: **2 - optimum**
8C Narrow-leaved sub-continental steppes: **2 - optimum**
8D Broad-leaved dry grasslands: **1 - rare occurrence**
8E Acidophilous dry grasslands: **2 - optimum**
8F Thermophilous forest fringe vegetation: **1 - rare occurrence**
9 Sand grasslands and rock-outcrop vegetation
9B Open vegetation of acidic sands: **1 - rare occurrence**
9C Festuca grasslands on acidic sands: **2 - optimum**
9D Pannonian sand steppes: **2 - optimum**
9E Acidophilous vegetation of spring therophytes and succulents: **2 - optimum**
9F Basiphilous vegetation of spring therophytes and succulents: **3 - dominant**

11 Heathlands and scrub

- 11A Dry lowland to subalpine heathlands: **1 - rare occurrence**
11L Tall mesic and xeric shrub: **1 - rare occurrence**
11N Low xeric scrub: **1 - rare occurrence**

12 Forests

- 12H Peri-Alpidic basiphilous thermophilous oak forests: **1 - rare occurrence**
12J Acidophilous thermophilous oak forests: **2 - optimum**
12W Pine and larch plantations: **1 - rare occurrence**

13 Anthropogenic vegetation

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

Affinity to the forest environment

Affinity to the forest environment in Thermophyticum: **2.2 - taxon occurring partly in the forest, but mainly in open vegetation**

Affinity to the forest environment in Mesophyticum and Oreophyticum: **2.2 - taxon occurring partly in the forest, but mainly in open vegetation**

Diagnostic taxon

Diagnostic taxon of alliances: [TFE *Arabidopsis thalianae*](#)

Diagnostic taxon of associations: [SCA03 *Teucrio botryos-Melicetum ciliatae*](#), [TFC02 *Erysimo diffusi-Agrostietum capillaris*](#), [TFE01 *Festuco-Veronicetum dillenii*](#), [THG02 *Avenulo pratensis-Festucetum valesiaca*](#)

Constant taxon

Constant taxon of alliances: [TFE *Arabidopsis thalianae*](#)

Constant taxon of associations: [SCA03 *Teucrio botryos-Melicetum ciliatae*](#), [TFC02 *Erysimo diffusi-Agrostietum capillaris*](#), [TFE01 *Festuco-Veronicetum dillenii*](#), [THG02 *Avenulo pratensis-Festucetum valesiaca*](#)

Ecological specialization indices

Ecological specialization index for all vegetation types: **4.4**

Ecological specialization index for non-forest vegetation: **4.5**

Ecological specialization index for forest vegetation: **5.3**

Colonization ability

Index of colonization success (ICS): **6**

Index of colonization potential (ICP): **6**

Optimum successional age [years]: **34**

Distribution and frequency

Floristic zone: **northern temperate, southern temperate, submeridional**

Floristic region: **Europe**

Continentality degree: **5**

Distribution range extension along the continentality gradient: **3**

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: **549**

taxon.data.freq_in_quad: **1455**

Commonness in vegetation plots from the Czech Republic

Occurrence frequency in vegetation plots: **1 %**

Occurrence frequency in vegetation plots with a cover above 5%: **9.7 %**

Occurrence frequency in vegetation plots with a cover above 25%: **0.7 %**

Occurrence frequency in vegetation plots with a cover above 50%: **0 %**

Mean percentage cover in vegetation plots: **3.3 %**

Maximum percentage cover in vegetation plots: **38 %**

Number of habitats with taxon occurrence in the Czech Republic

Number of narrow habitats in which the taxon occurs: **25**

Number of narrow habitats in which the taxon has its optimum: **10**

Number of broad habitats in which the taxon occurs: **8**

Number of broad habitats in which the taxon has its optimum: **4**

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**