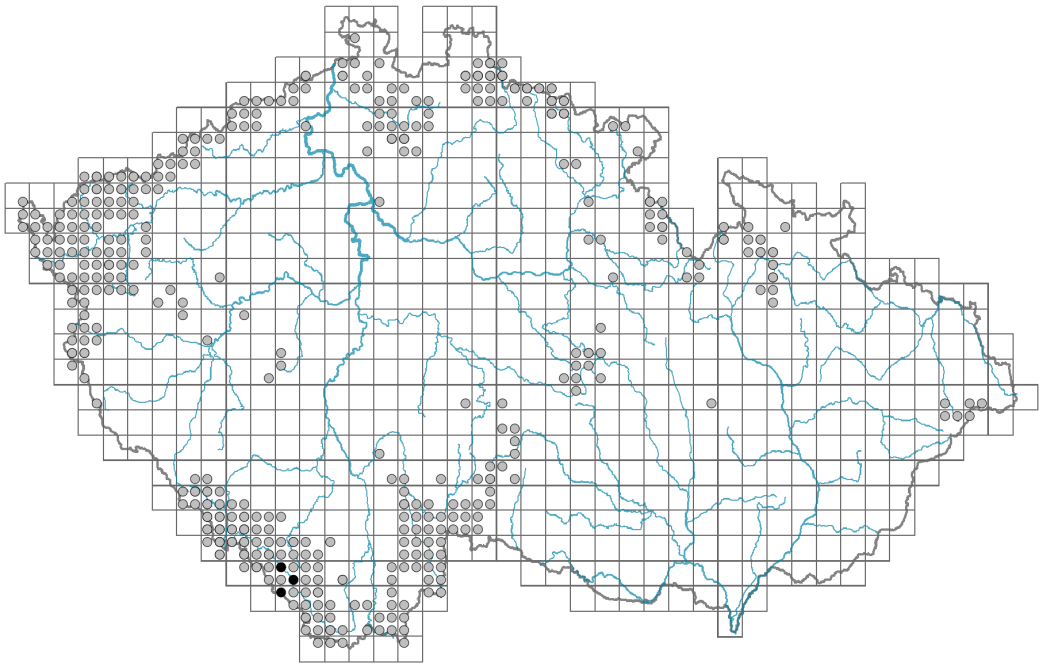
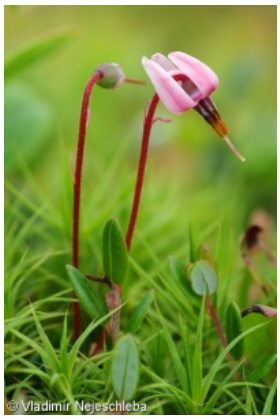
Vaccinium oxycoccos agg.

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]: **0.01–0.06**
Growth form: **dwarf shrub**
Life form: **chamaephyte**
Life strategy: **CS – competitor/stress-tolerator**

Leaf

Leaf presence and metamorphosis: **leaves present, not modified**
Leaf arrangement (phyllotaxis): **alternate**
Leaf shape: **simple – entire**
Stipules: **absent**
Petiole: **present**
Leaf life span: **evergreen**
Leaf deciduousness in woody plants: **evergreen**
Leaf anatomy: **scleromorphic**
Functional leaf type in woody plants: **sclerophyllous**

Flower

Flowering period [month]: **June–July**
Flowering phase: **5 Sorbus aucuparia-Galium odoratum (end of mid-spring)**
Flower colour: **pink**

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Flower symmetry: **actinomorphic**
Perianth type: **calyx and corolla**
Perianth fusion: **fused**
Shape of the sympetalous corolla or syntepalous perianth: **rotate**
Calyx fusion: **synsepalous**
Inflorescence type: **racemus, flores solitarii**
Dicliny: **synoecious**
Generative reproduction type: **mixed mating**
Pollination syndrome: **wind-pollination, insect-pollination, selfing**

Fruit, seed and dispersal



Fruit type: **fleshy fruit – berry**
Fruit colour: **red**
Reproduction type: **mostly vegetatively, rarely by seed/spores**
Dispersal unit (diaspore): **seed, fruit, infrutescence or its part**
Dispersal strategy: **Cornus (mainly autochory and endozoochory)**
Myrmecochory: **non-myrmecochorous (b)**

Belowground organs and clonality



Shoot metamorphosis: **stolon**
Type of clonal growth organ: **stolon, epigeogenous rhizome**
Freely dispersible organs of clonal growth: **absent**
Shoot life span (cyclicity): **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: **0.5**
Lateral spreading distance by clonal growth [m]: **0.13**

Bud bank



Number of buds per shoot at the soil surface (root buds excluded): **15**
Number of buds per shoot at a depth of 0–10 cm (root buds excluded): **15**
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): **30**
Depth of the belowground bud bank (root buds exluded) [cm]: **3**
Number of buds per shoot at the soil surface (root buds included): **15**
Number of buds per shoot at a depth of 0–10 cm (root buds included): **15**
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): **30**
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**

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Karyology



Chromosome number (2n): **24, 48, 60, 72**
Ploidy level (x): **2, 4, 5, 6**
2C genome size [Mbp]: **2842.98**
1Cx monoploid genome size [Mbp]: **642.78**

Taxon origin

Origin in the Czech Republic: **native**

Ecological indicator values



Ellenberg-type indicator values

Light indicator value: **7x – 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 (generalist)**
Temperature indicator value: **4 – transition between values 3 and 5**
Moisture indicator value: **9 – wetness indicator, focus on often soaked, poorly aerated soils**
Reaction indicator value: **2x – transition between values 1 and 3 (generalist)**
Nutrient indicator value: **1 – occurring at nutrient-poorest sites**
Salinity indicator value: **0 – not salt tolerant, glycophyte**

Indicator values for disturbance

Whole-community disturbance frequency indicator value: **-1.8**
Herb layer disturbance frequency indicator value: **-1.65**
Whole-community disturbance severity indicator value: **0.04**
Herb layer disturbance severity indicator value: **0.05**
Whole-community structure based disturbance indicator value: **0.42**
Herb layer structure-based disturbance indicator value: **0.33**

Habitat and sociology

Occurrence in habitats

3 Aquatic vegetation

3C Macrophytic vegetation of oligotrophic lakes and pools: **1 – rare occurrence**

4 Wetland and riverine herbaceous vegetation

4G Tall-sedge beds: **1 – rare occurrence**

5 Vegetation of springs and mires

5E Acidic moss-rich fens and peatland meadows: **1 – rare occurrence**
5F Transitional mires: **2 – optimum**
5G Raised bogs: **2 – optimum**
5H Wet peat soils and bog hollows: **2 – optimum**

6 Meadows and mesic pastures

6F Intermittently wet Molinia meadows: **1 – rare occurrence**

12 Forests

12P Peatland pine forests: **2 – optimum**
12Q Peatland birch forests: **2 – optimum**

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12R Acidophilous spruce forests: **2 – optimum**

Diagnostic taxon

Diagnostic taxon of classes: **RC *Oxycocco-Sphagnetea***

Diagnostic taxon of alliances: **RBD *Sphagno-Caricion canescentis***, **RBE *Sphagnion cuspidati***, **RCA *Sphagnion magellanici***, **RCB *Oxycocco palustris-Ericion tetralicis***, **RCC *Oxycocco microcarpi-Empetrion hermaphroditi***

Diagnostic taxon of associations: **LFD01 *Vaccinio uliginosi-Betuletum pubescentis***, **RBC02 *Drosero anglicae-Rhynchosporetum albae***, **RBD02 *Sphagno recurvi-Caricetum lasiocarpae***, **RBE01 *Drepanoclado fluitantis-Caricetum limosae***, **RBE03 *Rhynchosporo albae-Sphagnetum tenelli***, **RCA01 *Eriophoro vaginati-Sphagnetum recurvi***, **RCA02 *Andromedo polifoliae-Sphagnetum magellanici***, **RCA03 *Vaccinio uliginosi-Pinetum mugo***, **RCA05 *Ledo palustris-Pinetum uncinatae***, **RCB01 *Trichophoro cespitosi-Sphagnetum papillosi***, **RCC02 *Empetro nigri-Sphagnetum fusci***

Constant taxon

Constant taxon of classes: **RC *Oxycocco-Sphagnetea***

Constant taxon of alliances: **RBE *Sphagnion cuspidati***, **RCA *Sphagnion magellanici***, **RCB *Oxycocco palustris-Ericion tetralicis***, **RCC *Oxycocco microcarpi-Empetrion hermaphroditi***

Constant taxon of associations: **LFD01 *Vaccinio uliginosi-Betuletum pubescentis***, **RBD02 *Sphagno recurvi-Caricetum lasiocarpae***, **RBE01 *Drepanoclado fluitantis-Caricetum limosae***, **RBE03 *Rhynchosporo albae-Sphagnetum tenelli***, **RCA01 *Eriophoro vaginati-Sphagnetum recurvi***, **RCA02 *Andromedo polifoliae-Sphagnetum magellanici***, **RCA03 *Vaccinio uliginosi-Pinetum mugo***, **RCA04 *Sphagno-Pinetum sylvestris***, **RCA05 *Ledo palustris-Pinetum uncinatae***, **RCB01 *Trichophoro cespitosi-Sphagnetum papillosi***, **RCC02 *Empetro nigri-Sphagnetum fusci***

Dominant taxon

Dominant taxon of associations: **MCG03 *Peucedano palustris-Caricetum lasiocarpae***, **RBD02 *Sphagno recurvi-Caricetum lasiocarpae***, **RBD04 *Polytricho communis-Molinietum caeruleae***, **RCA01 *Eriophoro vaginati-Sphagnetum recurvi***, **RCA04 *Sphagno-Pinetum sylvestris***, **RCA05 *Ledo palustris-Pinetum uncinatae***

Ecological specialization indices

Ecological specialization index for all vegetation types: **5**

Ecological specialization index for non-forest vegetation: **5**

Ecological specialization index for forest vegetation: **6.6**

Distribution and frequency

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

Floristic region: **circumpolar**

Elevational belt in the Czech Republic: **colline belt, submontane belt, montane belt, subalpine belt**

Occurrence frequency in the basic grid mapping cells and quadrants of the basic grid mapping cells: 176

taxon.data.freq_in_quad: 369

Commonness in vegetation plots from the Czech Republic

Occurrence frequency in vegetation plots: **1.4 %**

Occurrence frequency in vegetation plots with a cover above 5%: **32.5 %**

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Occurrence frequency in vegetation plots with a cover above 25%: **7 %**
Occurrence frequency in vegetation plots with a cover above 50%: **1.4 %**
Mean percentage cover in vegetation plots: **7.9 %**
Maximum percentage cover in vegetation plots: **63 %**

Number of habitats with taxon occurrence in the Czech Republic

Number of narrow habitats in which the taxon occurs: **10**
Number of narrow habitats in which the taxon has its optimum: **6**
Number of broad habitats in which the taxon occurs: **5**
Number of broad habitats in which the taxon has its optimum: **2**

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