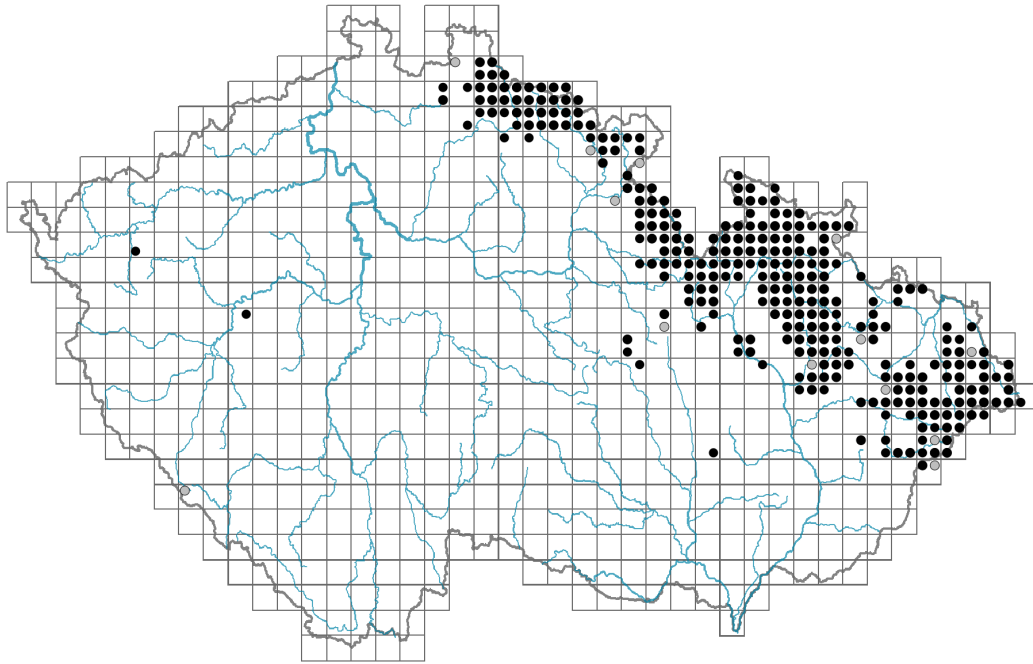


Veratrum album subsp. *lobelianum*

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.

Habitus and growth type

Life strategy (Pierce method based on leaf traits): **C/CS**

Life strategy (Pierce method, C-score): **74.3 %**

Life strategy (Pierce method, S-score): **13.5 %**

Life strategy (Pierce method, R-score): **12.2 %**



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Leaf

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

Leaf arrangement (phyllotaxis): **alternate**

Leaf shape: **simple - entire**

Stipules: **absent**

Petiole: **absent**



© Jan Divák

Flower

Flower colour: **yellow-green**

Flower symmetry: **actinomorphic**

Perianth type: **homochlamydeous**

Perianth fusion: **fused**

Shape of the sympetalous corolla or syntepalous perianth: **funnel-shaped**

Inflorescence type: **panicula**



© Marek Meliška



© Jiří Procházka

Fruit, seed and dispersal

Fruit type: **dry fruit - capsule**

Fruit colour: **brown**

Dispersal unit (diaspore): **seed**

Dispersal strategy: **Allium (mainly autochory)**

Myrmecochory: **non-myrmecochorous (b)**

Trophic mode

Parasitism and mycoheterotrophy: **autotrophic**

Carnivory: **non-carnivorous**

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

Karyology

Chromosome number (2n): **32**

Ploidy level (x): **4**

2C genome size [Mbp]: **6298.98**

1Cx monoploid genome size [Mbp]: **1574.75**

Genomic GC content: **45 %**

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: **3 - cool indicator, occurring mainly in subalpine areas**

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

Reaction indicator value: **5 - indicator of moderate acidity, occurring rarely in strongly acidic as well as in neutral to alkaline conditions**

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

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

Indicator values for disturbance

Whole-community disturbance frequency indicator value: **-1.41**

Herb layer disturbance frequency indicator value: **-0.77**

Whole-community disturbance severity indicator value: **0.2**

Herb layer disturbance severity indicator value: **0.2**

Whole-community structure based disturbance indicator value: **0.32**

Herb layer structure-based disturbance indicator value: **0.38**

Habitat and sociology

Affinity to the forest environment

Affinity to the forest environment in Mesophyticum and Oreophyticum: **2.1 - taxon**



occurring both in the forest and open vegetation

Diagnostic taxon

Diagnostic taxon of classes: [AD *Mulgedio-Aconitetea*](#)Diagnostic taxon of alliances: [ADA *Calamagrostion villosae*](#), [ADB *Calamagrostion arundinaceae*](#), [ADC *Salicion silesiacae*](#), [ADD *Adenostylion alliariae*](#), [ADE *Dryopterido filicis-maris-Athyrium distentifolii*](#), [XDF *Rumicion alpini*](#)Diagnostic taxon of associations: [ADA01 *Sphagno compacti-Molinietum caeruleae*](#), [ADA02 *Crepido conyzifoliae-Calamagrostietum villosae*](#), [ADB01 *Bupleuro longifoliae-Calamagrostietum arundinaceae*](#), [ADC01 *Salici silesiacae-Betuletum carpaticae*](#), [ADD01 *Ranunculo platanifolii-Adenostyletum alliariae*](#), [ADD02 *Salicetum lapponum*](#), [ADD04 *Laserpitio archangelicae-Dactylidetum glomeratae*](#), [ADE01 *Daphno mezerei-Dryopteridetum filicis-maris*](#), [ADE02 *Adenostylo alliariae-Athyrietum distentifolii*](#), [LBC04 *Athyrio distentifolii-Fagetum sylvaticae*](#), [RAD02 *Swertietum perennis*](#), [RBC04 *Bartsio alpinae-Caricetum nigrae*](#), [XDF01 *Rumicetum alpini*](#)

Constant taxon

Constant taxon of classes: [AD *Mulgedio-Aconitetea*](#)Constant taxon of alliances: [ADA *Calamagrostion villosae*](#), [ADC *Salicion silesiacae*](#), [ADD *Adenostylion alliariae*](#), [ADE *Dryopterido filicis-maris-Athyrium distentifolii*](#)Constant taxon of associations: [ADA01 *Sphagno compacti-Molinietum caeruleae*](#), [ADA02 *Crepido conyzifoliae-Calamagrostietum villosae*](#), [ADC01 *Salici silesiacae-Betuletum carpaticae*](#), [ADD01 *Ranunculo platanifolii-Adenostyletum alliariae*](#), [ADD02 *Salicetum lapponum*](#), [ADD04 *Laserpitio archangelicae-Dactylidetum glomeratae*](#), [ADE01 *Daphno mezerei-Dryopteridetum filicis-maris*](#), [ADE02 *Adenostylo alliariae-Athyrietum distentifolii*](#), [KCA02 *Adenostylo alliariae-Pinetum mugo*](#), [LBC04 *Athyrio distentifolii-Fagetum sylvaticae*](#), [RBC04 *Bartsio alpinae-Caricetum nigrae*](#)

Ecological specialization indices

Ecological specialization index for all vegetation types: **4.2**Ecological specialization index for non-forest vegetation: **4.3**Ecological specialization index for forest vegetation: **5.2****Distribution and frequency**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: **123**taxon.data.freq_in_quad: **307**

Commonness in vegetation plots from the Czech Republic

Occurrence frequency in vegetation plots: **0.8 %**Occurrence frequency in vegetation plots with a cover above 5%: **7 %**Occurrence frequency in vegetation plots with a cover above 25%: **1.3 %**Occurrence frequency in vegetation plots with a cover above 50%: **0 %**Mean percentage cover in vegetation plots: **3.1 %**Maximum percentage cover in vegetation plots: **38 %****Threats and protection**Red List 2017 (national categories): **C4a - near threatened taxon**

Red List 2017 (IUCN categories): **LC - least concern**

Legal protection: **vulnerable taxon**