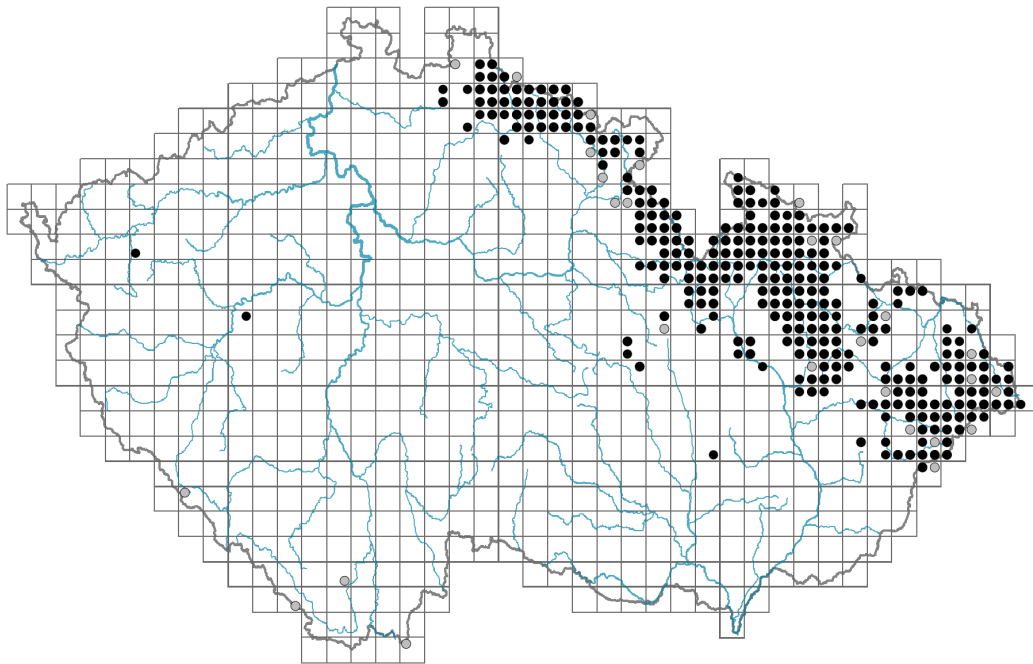


# *Veratrum album* subsp. *lobelianum*

## 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 %**

## Leaf

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

Leaf arrangement (phyllotaxis): **alternate**

Leaf shape: **simple - entire**

Stipules: **absent**

Petiole: **absent**

## 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**



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© Jan Dvořák

## 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 silesiaca\*](#), [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 silesiaca-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 silesiaca\*](#), [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 silesiaca-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**Expansive taxon in the region: **Bohemian Moravian Oreophyticum, Carpathian Oreophyticum**

Occurrence frequency in the basic grid mapping cells and quadrants of the basic grid mapping cells: 127

taxon.data.freq\_in\_quad: 321

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**