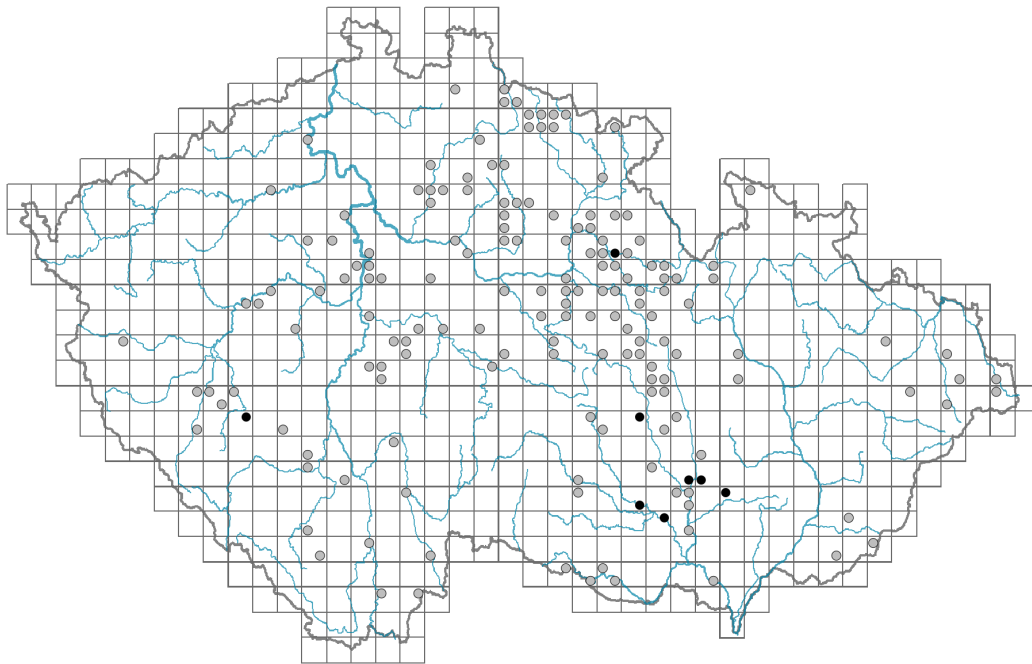


# *Buxus sempervirens*

## 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]: **1-5**

Growth form: **shrub**

Life form: **nanophanerophyte**

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

Life strategy (Pierce method, C-score): **10.9 %**

Life strategy (Pierce method, S-score): **89.1 %**

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

## Leaf

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

Leaf arrangement (phyllotaxis): **opposite**

Leaf shape: **simple - entire**

Stipules: **absent**

Petiole: **present**

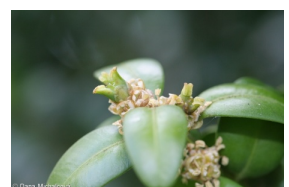
Leaf deciduousness in woody plants: **evergreen**

Functional leaf type in woody plants: **sclerophyllous**

## Flower

Flowering period [month]: **April**

Flower colour: **green**



Perianth type: **calyx present, corolla absent**  
Calyx fusion: **aposepalous**  
Inflorescence type: **fasciculus**

### Fruit, seed and dispersal

Fruit type: **dry fruit - capsule**  
Fruit colour: **brown**

### Trophic mode

Parasitism and mycoheterotrophy: **autotrophic**  
Carnivory: **non-carnivorous**  
Symbiotic nitrogen fixation: **no nitrogen-fixing symbionts**

### Taxon origin

Origin in the Czech Republic: **archaeophyte/neophyte**  
Invasion status: **casual**  
Geographic origin: **Europe, Mediterranean**  
Year of the first record in the wild: **2010**  
Period of introduction: **Late Middle Ages and Early Modern Period (merged category, 1200-1800)**  
Introduction pathway: **intentional - ornamental**

### Ecological indicator values

Ellenberg-type indicator values

Light indicator value: **5 - semi-shade plant, only exceptionally occurring in full light, but usually at more than 10% of the diffuse radiation incident in an open area**

Temperature indicator value: **8 - transition between values 7 and 9**

Moisture indicator value: **4 - transition between values 3 and 5**

Reaction indicator value: **8 - transition between values 7 and 9, occurring mostly in calcium-rich conditions**

Nutrient indicator value: **4 - transition between values 3 and 5**

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

### Habitat and sociology

Affinity to the forest environment

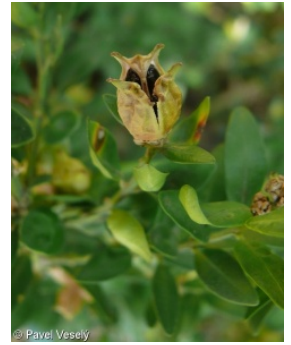
Affinity to the forest environment in Thermophyticum: **0 - taxon that does not spontaneously occur in Czech forests**

Affinity to the forest environment in Mesophyticum and Oreophyticum: **0 - taxon that does not spontaneously occur in Czech forests**

### Distribution and frequency

Continentality degree: **4**

Distribution range extension along the continentality gradient: **2**



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

mapping cells: 129

taxon.data.freq\_in\_quad: 169

### **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**