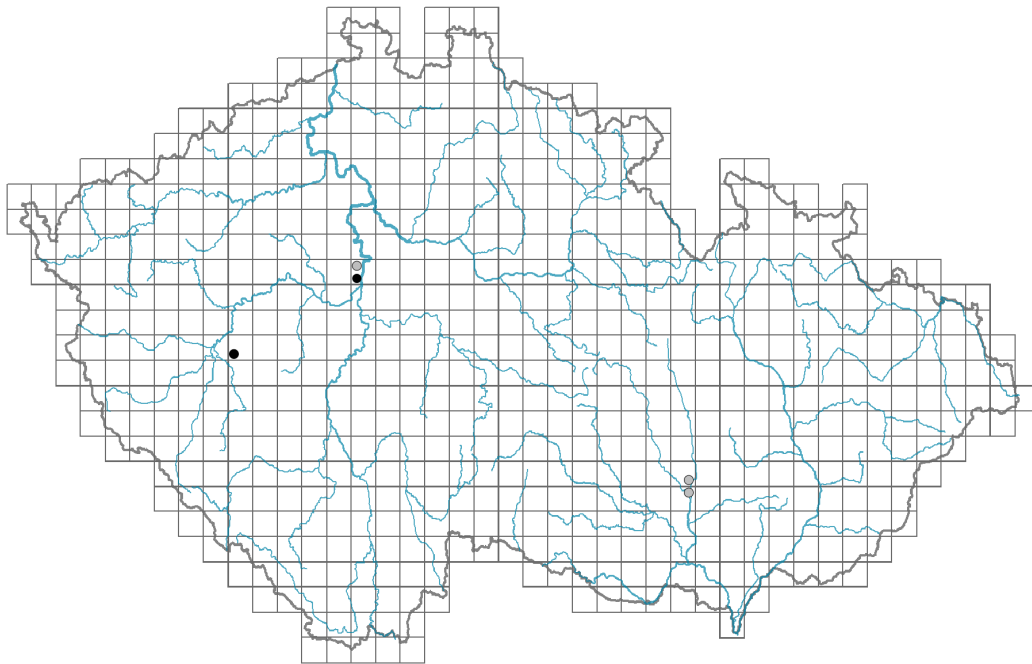


# *Hordeum marinum*

## 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]: **0.06-0.5**

Growth form: **annual herb**

Life form: **therophyte**

Life strategy: **CS - competitor/stress-tolerator**

Life strategy (Pierce method based on leaf traits): **R/SR**

Life strategy (Pierce method, C-score): **1.1 %**

Life strategy (Pierce method, S-score): **30.6 %**

Life strategy (Pierce method, R-score): **68.3 %**

## Leaf

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

Leaf arrangement (phyllotaxis): **alternate**

Leaf shape: **simple - entire**

Stipules: **absent**

Petiole: **absent**

Leaf life span: **summer green**

## Flower

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

Flower colour: **green**

Perianth type: **reduced**  
 Perianth fusion: **reduced**  
 Inflorescence type: **spica e spiculis composita**  
 Dicliny: **andromonoecious**  
 Generative reproduction type: **autogamy**  
 Pollination syndrome: **selfing**

### Fruit, seed and dispersal

Fruit type: **dry fruit - caryopsis**  
 Reproduction type: **only by seed/spores**  
 Myrmecochory: **non-myrmecochorous (b)**

### Trophic mode

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

### Karyology

Chromosome number (2n): **28**  
 Ploidy level (x): **4**  
 2C genome size [Mbp]: **16477.49**  
 1Cx monoploid genome size [Mbp]: **4119.37**  
 Genomic GC content: **47 %**

### Taxon origin

Origin in the Czech Republic: **neophyte**  
 Invasion status: **casual**  
 Geographic origin: **Europe, Mediterranean**  
 Year of the first record in the wild: **1929**  
 Period of introduction: **Late Modern Period (1800-1950)**  
 Introduction pathway: **unintentional - traffic, unintentional - industry, unintentional - anthropogenic**

### 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

Floristic zone: **northern temperate, southern temperate, submeridional, meridional, austral or antarctic**  
 Floristic region: **Europe, Western Asia, North America, circumpolar**



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Occurrence frequency in the basic grid mapping cells and quadrants of the basic grid  
mapping cells: 5  
taxon.data.freq\_in\_quad: 6

### **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**