

# ***Ballota nigra***

## **Habitus and growth type**

Plant height [m]: **0.51**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## **Leaf**

Specific leaf area [mm<sup>2</sup>/mg]: **21.25**

## **Flower**

Flowering period: **April-August**

## **Fruit, seed and dispersal**

Seed mass [mg]: **0.82**

Dispersal mode: **Local non-specific dispersal**

Dispersal distance class: **2**

## **Trophic mode**

Parasitism and mycoheterotrophy: **autotroph**

Carnivory: **non-carnivorous**

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

## **Taxon origin**

Origin in Europe: **Native**

## **Ecology**

### **Environmental relationships**

Substrate humidity relationship: **Mesic**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Eutrophic**

Salinity relationship: **Non-saline**

### **Ellenberg-type indicator values**

Light indicator value: **7.4**

Moisture indicator value: **4.7**

Reaction indicator value: **7.2**

Nutrient indicator value: **7.5**

Salinity indicator value: **0.1**

### **Disturbance indicator values**

Disturbance frequency: **0.81**

Disturbance frequency (herb layer): **1.51**

Disturbance severity: **0.73**

Disturbance severity (herb layer): **0.61**

Mowing frequency: **0.57**

Grazing pressure: **0.18**

Soil disturbance: **0.31**

## **Habitat and sociology**

EUNIS habitat

Diagnostic species of EUNIS habitats: [V39 Mesic perennial anthropogenic herbaceous vegetation](#)

Constant species of EUNIS habitats: [V38 Dry perennial anthropogenic herbaceous vegetation](#), [V39 Mesic perennial anthropogenic herbaceous vegetation](#)

Broad habitat

Occurrence in broad habitats: **Wetland, Scrub, Forest, Synanthropic**

## **Distribution**

Continentality amplitude: **5**