



# Nadleśnictwo Lubaczów

## 12. PROTECTED PLANT SPECIES FOUND ON MOUNT BRUSNO

### Large White Helleborine

*Cephalanthera damasonium* (Mill.) Druce.



A perennial herb (an herbaceous plant that overwinters by means of rhizomes or tubers) from the orchid family (Orchidaceae). It has the characteristic orchid flower structure, with one of the perianth segments forming a conspicuous “lip” (labellum), which differs in shape and color from the other segments. This lip also functions as a nectary guide, attracting pollinators. A rare species in Poland, more commonly encountered in the south, it is mainly found in beech and mixed deciduous forests (known as buczyny and grądy in Polish).

It is a calciphile, flowering in May and June.

**This species is strictly protected.**

### Broadleaf Helleborine

*Epipactis helleborine* (L.) Crantz



A robust perennial herb from the orchid family. Though it is fairly common throughout Poland, it is characteristic of deciduous forests, particularly beech and mixed deciduous stands. Orchid flowers are often twisted 180°, causing the lip (labellum) to face downward. Orchids produce a large number of seeds—one seed capsule can contain hundreds of thousands of them—yet each seed comprises only a few dozen cells and is among the smallest seeds in the plant kingdom. To germinate, orchid seeds require contact with a fungal mycelium (mycorrhiza). Their development is very slow, with the first leaf appearing only after 3–6 years.

**This species is under partial protection.**

### Sword-Leaved Helleborine

*Cephalanthera longifolia* (L.) Fritsch



Another perennial herb from the orchid family. Like the Large White Helleborine, it is a rare species in Poland, found mainly in the southern part of the country. It grows in beech forests, dry mixed deciduous forests, and thermophilous scrub. It flowers in May and June.

**This species is strictly protected.**



Seed capsule of violet helleborine  
*Epipactis purpurat*

### Round-Leaved Wintergreen

*Pyrola rotundifolia* L.



A perennial herb from the heath family (Ericaceae). It is characterized by evergreen leaves and a leafless stalk bearing a raceme of white flowers. This species is relatively uncommon in Poland, especially in its eastern regions. It is usually found in shaded forests and scrub. On Mount Brusno, however, it is quite abundant on former quarry sites.

**This species is under partial protection.**



Bulawnik wielkokwiatowy

