

# ***Rhamnus alpina***

## **Habitus and growth type**

Plant height [m]: **1.78**

Life span: **Perennial**

Life form: **Phanerophyte, Shrub**

## **Flower**

Flowering period: **April-June**

## **Fruit, seed and dispersal**

Dispersal mode: **Endozoochory**

Dispersal distance class: **6**

## **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: **Dry**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

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

Light indicator value: **7**

Temperature indicator value: **4.5**

Moisture indicator value: **3.5**

Reaction indicator value: **8.3**

Nutrient indicator value: **3**

Salinity indicator value: **0**

### **Disturbance indicator values**

Disturbance frequency: **0.15**

Disturbance frequency (herb layer): **1.2**

Disturbance severity: **0.61**

Disturbance severity (herb layer): **0.16**

Mowing frequency: **0.03**

Grazing pressure: **0.2**

Soil disturbance: **0.1**

## **Habitat and sociology**

Broad habitat

Occurrence in broad habitats: **Coastal cliff, Scrub, Forest, Sparsely vegetated (incl. rock and scree)**

## **Distribution**

Continentality: **4**

Continentality amplitude: **2**