

# ***Pinus mugo***

## **Habitus and growth type**

Plant height [m]: **3.12**

Life span: **Perennial**

Life form: **Phanerophyte, Shrub**

## **Leaf**

Leaf type (woody plants only): **Needle-like**

Leaf phenology (woody plants only): **Evergreen**

## **Flower**

Flowering period: **April-July**

## **Fruit, seed and dispersal**

Seed mass [mg]: **6.08**

Dispersal mode: **Anemochory**

Dispersal distance class: **4**

## **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: **Wet**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

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

Light indicator value: **7.6**

Temperature indicator value: **3.2**

Moisture indicator value: **6.6**

Nutrient indicator value: **2.6**

Salinity indicator value: **0**

## Habitat and sociology

### Broad habitat

Occurrence in broad habitats: **Mire, Grassland (non-alpine, non-saline), Alpine-subalpine and arctic grassland, Heathland, Scrub, Forest, Sparsely vegetated (incl. rock and scree)**