

# ***Mahonia aquifolium***

## **Habitus and growth type**

Plant height [m]: **0.96**

Life span: **Perennial**

Life form: **Phanerophyte, Shrub**

## **Leaf**

Leaf type (woody plants only): **Laurophyllous**

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

Specific leaf area [mm<sup>2</sup>/mg]: **8.98**

## **Flower**

Flowering period: **March-May**

## **Fruit, seed and dispersal**

Seed mass [mg]: **9.15**

Dispersal mode: **Endozoochory, Anthropochory**

Dispersal distance class: **6, 7**

## **Trophic mode**

Parasitism and mycoheterotrophy: **autotroph**

Carnivory: **non-carnivorous**

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

## **Taxon origin**

Origin in Europe: **Neophyte**

## **Ecology**

Environmental relationships

Substrate humidity relationship: **Dry**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Mesotrophic**

Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **6.8**

Temperature indicator value: **6.5**

Moisture indicator value: **4.3**

Reaction indicator value: **6.5**

Nutrient indicator value: **5**

Salinity indicator value: **0**

## Disturbance indicator values

Disturbance frequency: **0.14**

Disturbance frequency (herb layer): **1.32**

Disturbance severity: **0.77**

Disturbance severity (herb layer): **0.21**

Mowing frequency: **0.03**

Grazing pressure: **0.19**

Soil disturbance: **0.21**

## Habitat and sociology

Broad habitat

Occurrence in broad habitats: **Scrub**

## Distribution

Continentality: **3**

Continentality amplitude: **3**