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^2/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**

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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**

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