

# Cotinus

## Habitus and growth type

Plant height [m]: **3.79**

Life span: **Perennial**

Life form: **Phanerophyte, Shrub**

## Leaf

Leaf type (woody plants only): **Broad deciduous or semi-deciduous**

Leaf phenology (woody plants only): **Winter deciduous**

Specific leaf area [mm<sup>2</sup>/mg]: **26.29**

## Flower

Flowering period: **April-June**

## Fruit, seed and dispersal

Seed mass [mg]: **8.18**

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: **6.9**

Moisture indicator value: **3.7**

Reaction indicator value: **7.2**

Nutrient indicator value: **3.2**

Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.06**  
Disturbance frequency (herb layer): **1.31**  
Disturbance severity: **0.68**  
Disturbance severity (herb layer): **0.13**  
Mowing frequency: **0.02**  
Grazing pressure: **0.22**  
Soil disturbance: **0.1**

## **Habitat and sociology**

### Syntaxon

Diagnostic species of phytosociological classes: [CB \(PUB\) Quercetea pubescentis](#), [DA \(FES\) Festuco-Brometea](#)

### Broad habitat

Occurrence in broad habitats: **Grassland (non-alpine, non-saline), Scrub, Forest, Sparsely vegetated (incl. rock and scree)**

## **Distribution**

Continentality: **6**  
Continentality amplitude: **3**