

# *Tsuga heterophylla*

## Habitus and growth type

Plant height [m]: **51.81**

Life span: **Perennial**

Life form: **Phanerophyte, Tree**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **12.2**

## Fruit, seed and dispersal

Seed mass [mg]: **1.74**

Dispersal mode: **Anemochory, Anthropochory**

Dispersal distance class: **4, 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: **Mesic**

Substrate reaction relationship: **Acidic**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **6**

Moisture indicator value: **6**

Reaction indicator value: **3**

Nutrient indicator value: **3**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.1**

Disturbance frequency (herb layer): **1.29**

Disturbance severity: **0.8**

Disturbance severity (herb layer): **0.18**

Mowing frequency: **0**

Grazing pressure: **0.2**

Soil disturbance: **0.23**