Vitex agnus-castus

Habitus and growth type

Plant height [m]: **3.5**
Life span: **Perennial**
Life form: **Phanerophyte, Shrub**

Leaf

Specific leaf area [mm^2/mg]: **12.01**

Flower

Flowering period: **April-August**

Fruit, seed and dispersal

Seed mass [mg]: **8.5**
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: **Wet**
Substrate reaction relationship: **Alkaline**
Nutrient relationship: **Eutrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **7.7**
Temperature indicator value: **10.3**
Moisture indicator value: **7.3**
Reaction indicator value: **6.3**
Nutrient indicator value: **6.3**
Salinity indicator value: **0.7**

Disturbance indicator values

Disturbance frequency: **0.77**

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Disturbance frequency (herb layer): **1.64**
Disturbance severity: **0.58**
Disturbance severity (herb layer): **0.42**
Mowing frequency: **0.04**
Grazing pressure: **0.26**
Soil disturbance: **0.19**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **FD (NER) *Nerio-Tamaricetea*, HA (POP) *Alno glutinosae-Populetea albae***

EUNIS habitat

Diagnostic species of EUNIS habitats: **S93 Mediterranean riparian scrub, T25 Phoenix theophrasti vegetation**
Constant species of EUNIS habitats: **S93 Mediterranean riparian scrub, T25 Phoenix theophrasti vegetation**
Dominant species of EUNIS habitats: **S93 Mediterranean riparian scrub**

Broad habitat

Occurrence in broad habitats: **Wetland, Scrub, Forest, Sparsely vegetated (incl. rock and scree)**

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