Frangula alnus

Habitus and growth type

Plant height [m]: **3.63**
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^2/mg]: **16.54**

Flower

Flowering period: **April-June**

Fruit, seed and dispersal

Seed mass [mg]: **189.24**
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: **Slightly acidic to near-neutral**
Nutrient relationship: **Mesotrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **6.3**
Moisture indicator value: **7.6**
Reaction indicator value: **4.4**
Nutrient indicator value: **3.5**
Salinity indicator value: **0**

Disturbance indicator values

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Disturbance frequency: **0.15**
Disturbance frequency (herb layer): **1.3**
Disturbance severity: **0.67**
Disturbance severity (herb layer): **0.18**
Mowing frequency: **0.04**
Grazing pressure: **0.19**
Soil disturbance: **0.16**

Habitat and sociology

EUNIS habitat

Diagnostic species of EUNIS habitats: **N1F Baltic coniferous coastal dune forest**, **T15 Broadleaved swamp forest on non-acid peat**, **T16 Broadleaved mire forest on acid peat**, **T1B Acidophilous Quercus forest**, **T35 Temperate continental Pinus sylvestris forest**, **T3M Coniferous plantation of non site-native trees**
Constant species of EUNIS habitats: **N1F Baltic coniferous coastal dune forest**, **S38 Temperate forest clearing scrub**, **S92 Salix fen scrub**, **T12 Alnus glutinosa-Alnus incana forest on riparian and mineral soils**, **T13 Temperate hardwood riparian forest**, **T15 Broadleaved swamp forest on non-acid peat**, **T16 Broadleaved mire forest on acid peat**, **T1B Acidophilous Quercus forest**, **T22 Mainland laurophyllous forest**, **T27 Ilex aquifolium forest**, **T35 Temperate continental Pinus sylvestris forest**, **T3F Dark taiga**, **T3G Pinus sylvestris light taiga**, **T3J Pinus and Larix mire forest**, **T3M Coniferous plantation of non site-native trees**
Dominant species of EUNIS habitats: **S92 Salix fen scrub**

Broad habitat

Occurrence in broad habitats: **Wetland, Mire, Heathland, Scrub, Forest**

Distribution

Continentality amplitude: **6**

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