Pinus

Habitus and growth type

Plant height [m]: **21.04**
Life span: **Perennial**
Life form: **Phanerophyte, Tree, Shrub**
Spinescence: **spinescent**

Leaf

Leaf type (woody plants only): **Needle-like**
Leaf phenology (woody plants only): **Evergreen**
Specific leaf area [mm^2/mg]: **7.42**

Flower

Flowering period: **January-August**

Fruit, seed and dispersal

Seed mass [mg]: **108.49**

Trophic mode

Carnivory: **non-carnivorous**

Taxon origin

Origin in Europe: **Native, Neophyte**

Ecology

Environmental relationships

Substrate humidity relationship: **Dry, Mesic, Wet**
Substrate reaction relationship: **Acidic, Slightly acidic to near-neutral, Alkaline**
Nutrient relationship: **Oligotrophic, Mesotrophic**
Salinity relationship: **Non-saline, Slightly saline or brackish**

Habitat and sociology

Broad habitat

Occurrence in broad habitats: **Coastal beach, dune or shingle, Coastal cliff, Mire, Grassland (non-alpine, non-saline), Alpine-subalpine and arctic grassland, Heathland, Oromediterranean scrub, Scrub, Forest, Sparsely vegetated (incl. rock and scree)**

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