

Juniperus excelsa

(Greek Juniper)

“Four Juniper species are native to Lebanon. Two of these, Juniperus excelsa and J. foetidissima, have the same distribution range and occupy the same habitats. Both species have scale-like leaves. In Mediterranean countries, Juniperus excelsa occurs in the warmest and driest zones. In Lebanon, the species is an essential member of high mountain plant communities. The circumference of the trunk of one old Juniper tree in Ouyoun Orghoush was found to be more than 6 meters.”

Trees of Lebanon, 2014, Salma Nashabe Talhouk, Mariana M. Yazbek, Khaled Sleem, Arbi J. Sarkissian, Mohammad S. Al-Zein, and Sakra Abo Eid



Plant Image

Landscape Information

Plant Type: Tree

Origin: Eastern Mediterranean

Heat Zones: 6, 7, 8, 9, 10, 11

Hardiness Zones: 5, 6, 7, 8, 9

Uses: Specimen, Medicinal, Native to Lebanon

Size/Shape

Growth Rate: Slow

Tree Shape: Round

Canopy Symmetry: Irregular

Canopy Density: Dense

Canopy Texture: Medium

Height at Maturity: 15 to 23 m

Spread at Maturity: 5 to 8 meters

Time to Ultimate Height: More than 50 Years

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Flower Image

Botanical Description

Foliage

Leaf Arrangement: Opposite

Leaf Venation: Nearly Invisible

Leaf Persistence: Evergreen

Leaf Type: Simple

Leaf Blade: Less than 5

Leaf Shape: Scale

Leaf Margins: Entire

Leaf Textures: Medium

Leaf Scent: Pleasant

Color(growing season): Green

Color(changing season): Green

Flower

Flower Showiness: False

Flower Size Range: 1.5 - 3

Flower Scent: No Fragrance

Flower Color: Yellow, White

Seasons: Spring

Trunk

Trunk Has Crownshaft: False

Trunk Susceptibility to Breakage: Generally resists breakage

Number of Trunks: Single Trunk

Trunk Esthetic Values: Not Showy

Fruit

Fruit Type: Berry

Fruit Showiness: True

Fruit Size Range: 1.5 - 3

Fruit Colors: Blue, Black

Seasons: Spring

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Leaf Image

Horticulture Management

Tolerance

Frost Tolerant: Yes

Heat Tolerant: Yes

Drought Tolerant: Yes

Salt Tolerance: Poor

Requirements

Soil Requirements: Clay, Loam, Sand

Soil Ph Requirements: Acidic, Neutral, Alkaline

Water Requirements: Moderate

Light Requirements: Full, Part

Management

Toxicity: No

Invasive Potential: No

Susceptibility to Pests and Diseases: No

Pruning Requirement: No pruning at all

Fruit/ Leaves/ Flowers litter: Yes

Surface Rooting: No

Life Span: More than 50

Edible Parts: Fruit

Plant Propagations: Seed, Cutting
