Volatile Constituents of the Fruit and Leaf Oils of *Thuja orientalis* L. Grown in Iran

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The composition of the hydrodistilled essential oils from the fruits and leaves of *Thuja orientalis* L. grown in Iran was analyzed by GC/MS. Nineteen and twenty-eight compounds have been identified in the volatile oils of the fruit and leaf, respectively. While the fruit oil contained α-pinene (52.4%), Δ3-carene (14.2%), α-cedrol (6.5%) and β-phellandrene (5.1%), the leaf oil contained α-pinene (21.9%), α-cedrol (20.3%), Δ3-carene (10.5%) and limonene (7.2%) as the main components.

Key words: *Thuja orientalis* L., Cupressaceae, Essential Oil Composition