



European silver fir 'Doria GTF' in the forest, Biogradska Gora National Park, Montenegro, Montenegro

This page contains specific information about [European silver fir \(*Abies alba*\) '36845'](#), which can be found in the [forest](#) in [Biogradska Gora National Park \(municipality of Kolašin\)](#). This tree is called "**Doria GTF**". It is one of the largest forest trees in Europe, if not the very largest. Volume estimate by KoutaR: 75–80 m³ – approx. as large as the eighteenth largest conifer of the Pacific Coast of North America, grand fir (*Abies grandis*, 78 m³, source: Van Pelt: Forest Giants of the Pacific Coast). Girth at 2.3 m height, above the fast tapering part: 6.05 m (KoutaR & Thomas Michler).

Doria GTF was found in 2018 by Giant Trees Foundation, led by Andrea Maroè. KoutaR & Thomas Michler visited the tree in 2019 and confirm the height and girth measurements.

The tree grows in virgin European silver fir – European beech (*Fagus sylvatica*) forest on a gently sloping terrace formed on an otherwise steep northeast-facing slope.

The girth of the tree, measured at a height of 1.30 m, is 7.13 m (Jul 13, 2018, [Giant Trees Foundation](#)). Its height is exactly 59.71 m (Jul 13, 2018, [Laser with Two-point measurement \(e.g. Nikon Forestry 550/Pro\) - sine method, Giant Trees Foundation](#)). This tree germinated / was planted around the year 1500 ± 100, which makes it around 521 ± 100 years old ([Giant Trees Foundation](#), Jul 26, 2018).



European silver fir "Doria GTF", foreground. Other trees are European silver firs and European beeches (14th of September 2019)

Photos

The photos are provided by [KoutaR](#), [Giant Trees Foundation](#), and Thomas Michler.

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