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 Kola?in). 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 m$^3$ – approx. as large as the eighteenth largest conifer of the Pacific Coast of North America, grand fir (Abies grandis, 78 m$^3$, 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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