

Serpentine vegetation of the Luboten (Guranë)-Sharri Mountains

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Kosovo's serpentines are interesting and not enough investigated in the phytocoenological aspect. Gurana is located in the south-east part of Kosovo, on the foot of the Sharri Mountains. It is rich with serpentine terrain (Typical rendzina on serpentine). The research show that the Gurana's serpentines in floristic and vegetation aspect are different from other serpentines of Kosova BLEČIĆ & KRASNIQI (1971), KRASNIQI & MILLAKU (2007), REXHEPI & KRASNIQI (2004), REXHEPI (1979, 1985, 2000, 2007). In these terrains we have observed two associations, which we think that are very interesting and may be considered an innovation in phytocoenology. These phytocoenoses in this case are presented as provisory. These are: Polygalo-Quercetum pubescentis ass. new. prov. and Achilleo-Convolutetum cochlearis, ass. new. prov.

Polygala doerfleri (Doerfler's Milkwort), as endemic plant is observed in several shrub and pasture phytocoenoses in Kosovo, but in the serpentines of Gurana we find it for the first time in the scope of the oak forest with Pubescent Oak (*Quercus pubescens*) that makes thermophilous forests in Kosovo.

Convolvulus cochlearis (Bindweed) is a stenoendemic plant which dominates in these serpentine terrains (in pastures and rocky terrains). Accompanied with other species characteristic for serpentines, it creates a characteristic phytocoenosis.

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Artikel/Article: [Serpentine vegetation of the Luboten \(Gurané\)-Sharri Mountains 253-254](#)