

Singeneza in sintaksonomija gozdov in grmovnih združb kontinentalnih Dinarskih Alp (zahodni Balkanski polotok)

The Syngenesi and Syntaxonomy of Forests and Shrubs at the Continental Dinaric Alps (W. Balkan Peninsula)

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Continental Dinaric Alps from phytocoenological standpoint, belong to type of differentiation with dark and semi dark coniferous forest (*Piceion abietis* s.lat., *Piceion omoricae* s.lat. and *Pinion sylvestris* s.lat. Mountains Vlasica, Ozren, Romanija, Javorak, Golija, Kopaonik, northern slopes of mountain Vranica and Veliki Stolac belong to this group (43° 30' and 44° 30' N and 17° 30' and 19° E). On vertical profile of the central part of continental Dinaric Alps, climax and oro-climax vegetation makes forests from alliances: *Quercion pubescentis-petraeae*, *Quercion petraeae-cerris*, *Carpinion betuli*, *Fagion moesiaca*, *Fagion „illyricum“* s.lat., *Piceion abietis* and *Abieti-Piceion*. Shrubs and „šibljak“ from alliances: *Seslerio-Ostryon*, *Orneto-Ostryon*, *Ostryo-Carpinion*, *Crataego-Corylion*, *Prunion spinosae*, *Berberidion*; *Juniperion communis* and *Juniperion nanae* are developed in the zone of these forests. Azonal forest vegetation is represented by alliances: *Alnion incanae*, *Salicion albae*, *Quercion robori-petraeae*, *Luzulo-Fagion*, *Orno-Ericion*, *Salicion cinerea*, *Alnion glutinosae* and *Salicion eleagni*.

Investigations of syngenesi of vegetation have shown close relationships among certain communities of shrubs and „šibljak“ with climatogenous vegetation. For example, *Berberidion* is linked with alliances *Orneto-Ostryon* and *Quercion petraeae-cerris*, while communities *Crataego-Corylion* are developed within all zones of climax vegetation. Similar syngenetical relationships exist also with communities of alliance *Juniperion communis*. These investigations have shown complete climatogenity of dark coniferous forests *Piceion abietis* and *Abieti-Piceion* in relation to forests of suballiance *Abieti-Fagion*.

Coniferous forests represent terminal that is climax stage in development of vegetation in this region, where very intensive processes of secondary successions have took place.