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CONTRIBUTION TO MYRMECOFAUNA (FORMICIDAE, HYMENOPTERA) OF THE MOUNTAIN STARA PLANINA

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Summary

Myrmecofauna of six phytocenological communities of the mountain Stara planina in Serbia was investigated: *Festuco–Brometum racemosi* Danon et Blaženčić (I), *Andropogono–Danthonietum calycinae* prov. Danon et Blaženčić (II), *Agrostidetum vulgaris (capillaris)* Pavl. 1955 (III), *Nardetum strictae* Greb. 1950 (IV), *Vaccinetum uliginosi* Mišić et al., 1978 (V) and *Seslerietum coeruleanthus* Mišić et al. 1978 (VI).

These communities have been investigated on the localities of the village Crni vrh (I and II), Konjarnik (III), Žarkova čuka (IV), Babin zub (V) and Tupanar (VI) on the mountain Stara planina (Fig. 1).

Specimens analysed in this work were selected from the material caught by sweeping net.

In these six communities species from 3 subfamilies (*Myrmicinae*, *Dolichoderinae*, *Formicinae*) were found.

Subfamily *Myrmicinae* was presented by two genera: *Myrmica* Latreille, 1804, and *Sifolinia* Emery, 1907.

Following species were found from the genus *Myrmica*: *Myrmica laevinodis* Nyl., 1846, in the communities I, II and IV, *M. lobicornis* Nyl., 1846, in the community IV, and *M. schencki*, Em., 1895, in the communities III and IV.

From the genus *Sifolinia*, the species *S. laurae* Em., 1907, was found in the community III.