

Species composition of spiders from *Alnetum* in Hohe Tauern (East Alps) in comparison with material from some other similar habitats in Europe

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The spider material caught by continuous pitfall trapping in the alder wood *Alnetum* in Badgastein (900 m a.s.l.) are compared on the basis of data presented in the literature with the material from Hohe Tauern (1800 m, Thaler, 1978), North Hessen (340 m, Hofmann, 1987) and Berlin (30–50 m, Platen, 1989), where different species of alders dominate. Special attention is paid to the faunal composition of mountain localities. The alders form typical leaf litter, and species composition of epigeic spider fauna shows high similarity in all these localities. Some differences are connected with geographical and especially with altitudinal position. Six species: *Diplocephalus latifrons* (O.P.-Cambridge), *Bolyphantes alticeps* (Sundevall), *Centromerus sylvaticus* (Blackwall), *Lepthyphantes tenebricola* (Wider), *Trochosa terricola* Thorell and *Haplodrassus signifer* (C. L. Koch) were found in all localities. Only in high altitudinal locality (1800 m) *Troglohyphantes thaleri* Miller & Polenec, *Lepthyphantes jacksonoides* Helsdingen, *Porrhomma campbelli* F. O. P.-Cambridge and *Robertus truncorum* (L. Koch) have been found.