

Spiders

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At the end of the year 2005 we record on the territory of the Czech Republic the occurrence of 849 Arachnida. One species - the big and eye-catching *Lycosa singoriensis*, is regarded as extinct. Perhaps 26 % of the species are regarded as generally endangered (CR, EN, VU), about 5 % of the species would demand more data for evaluation of their state of jeopardy (DD). Most endangered species (83) have a typical occurrence on grassy steppes and dry grasslands (T3). Second most numerous group of endangered species (18) lives on south moravian sands (T5.4). According to such a large number of endangered species they have however, in comparison with other habitats, south Moravian sands a disproportionate number of protected areas. On the whole 13 endangered species live in peat-bogs (R), on the whole 18 species endangered species then the other type of wetlands (M). An extraordinary type of habitats are underfreezing stony ravines, that host a remarkable complex of psychrophile organisms in low altitudes. An unique habitat presents the old castle park with solitair time-honoured trees in Lednice. This park is the only habitat for several Arachnida in the Czech Republic.