

Contribution to the knowledge on spiders (Araneae) of the Strážovské vrchy Mts

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Abstract: The author deals with faunistic research of spiders (Araneae) of the Strážovské vrchy Mts. He mentions 274 spider species from this territory; 62 of them were not been cited from this orographic unit. Some of them rank among rare species with a high bioindicative value. It especially concerns *Dysdera crocota*, *Eresus cinnaberinus*, *Dipoena prona*, *Acartauchenius scurrilis*, *Cinetata gradata*, *Megalepthyphantes pseudocollinus*, *Metopobactrus prominulus*, *Theonina cornix*, *Trichoncus affinis*, *Arctosa figurata*, *Liocranum rutilans*, *Cheiracanthium oncognathum*, *Clubiona genevensis*, *Gnaphosa opaca*, *Haplodrassus dalmatensis*, *Zelotes pygmaeus*, *Ozyptila simplex*, *O. scabricula*, *Chalcoscirtus pseudoinfimus*, *Marpissa nivoyi*, *Pellenes nigrociliatus*, etc.; they are often cited in accessible Red Lists throughout Europe. Despite this mountain complex overtops 1 200 m a. s. l., the occurrence of many clearly thermophilic spiders in this area including higher altitudes is remarkable and sometimes surprising.

Key words: spiders (Araneae), faunistics, Strážovské vrchy Mts.

Introduction

Strážovské vrchy Mts is an attractive mountain massif, prevailingly situated in north-western Slovakia, but the southern part of this orographic unit is clearly influenced by the thermophilic zone of Sub-Carpathian basins. The Protected Landscape Area (later only “PLA”) has been established here in 1989. Although a relatively large number of records about spiders is available, this concerns only several sites: Nature Reserve (later only “NR”) Súľovské skaly on the north, which is often classified as a separate orographic unit (Miller & Svatoň 1974), or the sites in the ‘southern sector’ – NR Veľký vrch (Gajdoš 1986a) and Kňaží stôl (Gajdoš 1986b); several records are accessible in the graduation thesis by Pekár (1994) and in an older paper by Bartoš (1938) which deals with spiders of the surroundings of the Žilina city. A big majority of this area, including central part of the Strážovské vrchy Mts, hitherto has not been studied from arachnological point of view. Moreover, the southern part of this orographic unit is totally out of the territorial protection – the PLA boundary has been stated asymmetrically in the northern and central part of this orographic unit.

Therefore, I have tried to improve the level of knowledge on spiders in this remarkable territory. The research of spiders has been carried out during the last decade; and the preliminary results are available in this paper.

Material and methods

My research of spiders has been carried out in the following two administratively different areas.

① The sites belonging to the PLA Strážovské vrchy:

NR Vápeč (7075d/7076c)* [Vá]**, Projected NR Rohatín (6976c/7076a) [Ro] and NR Strážov (7076b/d) [St]. Habitats: xerothermic rocky grasslands, screes, open deciduous (prevailingly beech) and pine forests, ancient beech forests – especially in the NR Strážov.

② The sites in the Southern sector of this orographic unit, contemporarily out of the PLA boundary: Surroundings of ‘Dolné Vestenice’ village (7276c) [DV] and ‘Horné Vestenice’ village (7276d) [HV]. Habitats: xerothermic rocky pastures, abandoned orchards, shrubby slopes, open oak-and-pine forest; ‘Hradištinka’ valley (7276c) [Hr] and ‘Stredná dolina’ valley (7276c) [Sd]. Habitats: xerothermic rocky and scree slopes, open oak-beech-and-pine forest, ancient beech forest in the close part of the first valley.

* the grid mapping square code of the Databank of the Slovak republic

** abbreviations are used in the table 1 and the following text as well

The spiders were obtained by current methods of collecting. The material was determined according the key by Miller (1971), Roberts (1995) and Heimer & Nentwig (1991).

The scarcer spider species are often mentioned in Red Lists of separate European countries; it concerns the Red List of Slovakia (Gajdoš & Svatoň 2001), Czech republic (Buchar & Růžička 2002), Germany (Platen, Blick, Sacher & Malten 1996), Slovenia (Polenec 1992), Great Britain (Merrett 1991), Belgium (Maelfait, Baert, Janssen & Alderweireldt 1998), Sweden [Gärdenfors (ed.), 2000] and Finland [Rassi, Alanen, Kanerva & Mannerkoski (eds.), 2001]. Their ecosozological status (ESS) in separate countries is also discussed in the table 1.

Results (Systematic review of species)

Systematic review of spiders is available in the table 1. The following species (marked by ‘◀’) deserve special note:

1 – DV, 18th May 2002, 2 ♀. A very rare, partially synanthropic species, known from a few scattered records: “Bratislava” (7868), Aug. 1956, ♂, F. Miller lgt. et coll. (Kůrka 1994); NR Devínska Kobyla (7867b/7868a), 10th Nov. 1978, ♀, O. Žitňanská lgt. (Svatoň, Gajdoš & Pekár 2000); Malá Fatra Mts, surroundings of the Terchová village (6780), J. Baum lgt. before 1931; unpublished record is available from the ‘Krupinská planina’ Mts, J. Vachold lgt. (Gajdoš, Svatoň & Sloboda 1999). **2** – Hr, 19th June 2002, ♂. A very rare species of xerothermic rocky habitats. **3** – DV, 1st July 1995, ♂. **4** – Hr, 19th June 2002, 2 ♂; Sd, 2nd July 2002, 2 ♂. **5** – DV, 20th Apr. 2002, ♀; HV, 1st May 1993, ♀; and 28th Apr. 2002, ♂ + 2 ♀. A rare species, found always in the colonies of *Tetramorium caespitum* under stones (synoecious myrmecophile). **6** – Ro, swept from the forest vegetation 26th May 2003, ♀; St, in the litter of scree beech forest 10th June 2004, ♂. A very rare species, known from a few sporadic records: Kremnické vrchy Mts – Lavín (7380a), in the litter of ancient beech-and-fir forest 8th July 1995, ♂, V. Franc & A. Hanzelová lgt. et coll.; Slovenský raj Mts (7187), dateless, the site is not mentioned (Gajdoš & Svatoň 1993); Slovenský raj Mts – Klauzy (7188a), May, year is not specified, ♂ + ♀ (Žitňanská 1987). **7** – Vá, 11th June 2004, ♀ (P. Gajdoš det.). A little-known rare species of open deciduous forests. **8** – Hr, 19th June 2002, ♂. A little-known species of warmer open forests and scree habitats; only four unpublished records are available (Gajdoš, Svatoň & Prí davka 1999). This recently described species is usually considered to be very rare (Buchar & Růžička, 2002), but it may be misidentified with *M. collinus* (C. L. K. 1872); nevertheless its tibial apophysis is apparently shorter with basal lobe. The distribution of these species in Slovakia and neighbouring countries remains to be open question, the revision of voucher material is necessary. **9** – Hr, 19th June 2002, ♂. A very rare species of warmer open forests, grasslands, etc. Known from a few sporadic records: Malá Fatra Mts – NR Starhrad (6879a) (Svatoň 1984); Veľká Fatra Mts – Kráľova studňa (7180a) July 1973, ♂ (a very remarkable finding in subalpine zone!); unpublished records are known from Krupinská planina Mts, J. Vachold lgt. and Moravsko-Sliezske Beskydy Mts, Z. Krumpálová & A. Krajča lgt. (Gajdoš, Svatoň & Sloboda 1999). **10** – Vá, in the litter of open scree forest 27th May 2003, ♀. A rare species, surprisingly living in contrasting habitats, including anthropogenic ones (Buchar & Růžička 2002).

11 – HV, 28th Apr. 2002, 2 ♂. It occurs locally and rarely in xerothermic habitats. **12** – Vá, in the litter of xerothermic shrubby slope 10th June 2002, 2 ♂ + ♀; HV, 28th Apr. 2002, ♂. A rare species which indicates well-preserved xerothermic habitats. **13** – DV, 2nd July 2002, ♂; HV, 28th Apr. 2002, ♂. **14** – Vá, under the stone in a forest clearing 3rd Apr. 2003, 2 ♀. **15** – Vá, in a web between hazel branches 10th June 2003, ♀. **16** – Ro, running on the ground surface of a xerothermic grassland 26th May 2003, ♂. **17** – Ro, the same circumstances, ♀. A sporadic species, occurring rarely in well-preserved xerothermic habitats. **18** – a locally abundant species, in Czech republic is considered to be very rare. Widespread and frequent in the southern sector of Strážovské vrchy Mts; nevertheless indicates rich xerothermic habitats. **19** – DV, under stones on a xerothermic slope 23rd Apr. 1994, 2 ♂ + 3 ♀. **20** – Hr, under the bark of a drying oak 19th June 2002, 2 ♀. A very rare species of open deciduous forests, occurring locally in well-preserved warm regions of Slovakia.

21 – Vá, between grass and stones in a xerothermic grassland 27th June 2003, ♀. **22** – Ro, the same circumstances 4th Apr. 2003, ♂ + ♀; DV, 28th Apr. 2002, ♂; HV, 23rd Apr. 1994, ♂. A rare, but locally quite abundant species of rich xerothermic habitats; in Czech republic is considered to be utmost rare. **23** – DV,

Tab. 1: Spiders (Araneae) of the Strážovské vrchy Mts

| Family/Species | Site → | PLA | | | »Southern sector« | | | | Ecosozological status (ESS) | | | | | | | |
|-----------------------------------------------------------------|--------|-----|-----|------------|-------------------|----|------------|----|-----------------------------|----|----|----|----|---|-----------------|----|
| | | Vá | Ro | St | DV | HV | Hr | Sd | Sk | Cz | G* | Sl | GB | B | Sw | F |
| Pholcidae | | | | | | | | | | | | | | | | |
| <i>Pholcus opilionoides</i> (Schr. 1781) | -/1 | | | <u>1/-</u> | <u>2/-</u> | | | | | | ■ | | | | | |
| Segestriidae | | | | | | | | | | | | | | | | |
| <i>Segestria senoculata</i> (L. 1758) | | | 1/- | -/1 | | | <u>2/-</u> | | | | | | | | LR | |
| Dysderidae | | | | | | | | | | | | | | | | |
| <i>Dysdera crocota</i> C. L. K. 1838 ^{◀1} + | | | | | | | | | | | | | | | LR | |
| <i>D. erythrina</i> (Walck. 1802) | -/1 | | | | | | | | | | | | | | EN | |
| <i>Harpactea hombergi</i> (Scop. 1763) | -/1 | | | | | | | | | | | | | | EN | |
| <i>H. rubicunda</i> (C. L. K. 1839) | 1/- | | | | | | | | | | | | | | EN | |
| Eresidae | | | | | | | | | | | | | | | | |
| <i>Eresus cinnaberinus</i> (Oliv. 1789) | | | | | | | | | | | | | | | DD | |
| Theridiidae | | | | | | | | | | | | | | | | |
| <i>Achearanea lunata</i> (Cl. 1757) | 2/1 | | | | | | | | | | | | | | LR | |
| <i>Crustulina guttata</i> (Wid. 1834) + | 1/1 | | | | | | | | | | | | | | VU | |
| <i>Dipoena melanogaster</i> (C. L. K. 1845) | | | | | | | | | | | | | | | EN | |
| <i>D. prona</i> (Menge 1868) ^{◀2} | | | | | | | | | | | | | | | EN | |
| <i>Enoplognatha ovata</i> (Cl. 1757) | | | | | | | | | | | | | | | LR | |
| <i>E. thoracica</i> (Hahn 1833) | 1/1 | | | | | | | | | | | | | | LR | |
| <i>Episinus truncatus</i> Latr. 1809 | | | | | | | | | | | | | | | CR | |
| <i>Euryopis flavomaculata</i> (C. L. K. 1836) | 1/- | | | | | | | | | | | | | | VU | |
| <i>Laseola [= Dipoena] tristis</i> (Hahn 1833) | 1/2 | | | | | | | | | | | | | | CR | |
| <i>Neottiura bimaculata</i> (L. 1767) | 3/- | | | | | | | | | | | | | | | |
| <i>N. suaveolens</i> Sim. 1879 ^{◀3} + | | | | | | | | | | | | | | | VU | |
| <i>Pholcomma gibbum</i> (Westr. 1851) + | | | | | | | | | | | | | | | EN | |
| <i>Robertus arundineti</i> (O. P.-Cbr. 1871) | -/1 | | | | | | | | | | | | | | LR | |
| <i>R. lividus</i> (Bl. 1836) | -/1 | | | | | | | | | | | | | | | |
| <i>Simitidion [= Theridion] simile</i> | | | | | | | | | | | | | | | LR | |
| C. L. K. 1836 | | | | | | | | | | | | | | | VU | |
| <i>Steatoda phalerata</i> (Panz. 1801) | | | | | | | | | | | | | | | VU | |
| <i>Theridion impressum</i> L. K. 1881 | 1/- | | | | | | | | | | | | | | LR | |
| <i>Th. mystaceum</i> L. K. 1870 + | 1/- | | | | | | | | | | | | | | LR | |
| <i>Th. nigrovariegatum</i> Sim. 1873 ^{◀4} | | | | | | | | | | | | | | | | |
| <i>Th. pinastri</i> L. K. 1872 | -/1 | | | | | | | | | | | | | | IK | LR |
| <i>Th. sisyphium</i> (Cl. 1757) | 2/- | | | | | | | | | | | | | | LR | |
| <i>Th. tinctum</i> (Walck. 1802) | -/1 | | | | | | | | | | | | | | LR | |
| <i>Th. varians</i> Hahn 1833 | | | | | | | | | | | | | | | LR | |
| Linyphiidae | | | | | | | | | | | | | | | | |
| <i>Abacoproces saltuum</i> (L. K. 1872) + | | | | | | | | | | | | | | | | |
| <i>Acartauchenius scurrilis</i> (O. P.-Cbr. 1872) ^{◀5} | | | | | | | | | | | | | | | EN | NT |
| <i>Centromerus incilium</i> (L. K. 1881) | -/1 | | | | | | | | | | | | | | | |
| <i>C. sellarius</i> (Sim. 1884) + | -/2 | | | | | | | | | | | | | | | |
| <i>Ceratinella brevis</i> (Wid. 1834) | | | | | | | | | | | | | | | LR | |
| <i>C. scabrosa</i> (O. P.-Cbr. 1871) + | 2/- | | | | | | | | | | | | | | LR | |
| <i>Cinetata gradata</i> (Sim. 1844) ^{◀6} + | | | | | | | | | | | | | | | | |
| <i>Diplocephalus cristatus</i> (Bl. 1833) | 1/1 | | | | | | | | | | | | | | LR | |
| <i>D. latifrons</i> (O. P.-Cbr. 1863) + | | | | | | | | | | | | | | | LR | |
| <i>D. picinus</i> (Bl. 1841) | 2/1 | | | | | | | | | | | | | | LR | |
| <i>Diplostyla concolor</i> (Wid. 1834) | | | | | | | | | | | | | | | LR | |
| <i>Entelecara acuminata</i> (Wid. 1834) | 2/2 | | | | | | | | | | | | | | LR | |
| <i>E. congenera</i> (O. P.-Cbr. 1879) | 1/- | | | | | | | | | | | | | | R | |
| <i>E. flavipes</i> (Bl. 1834) ^{◀7} + | -/1 | | | | | | | | | | | | | | En ^p | |
| <i>Erigone atra</i> Bl. 1833 | | | | | | | | | | | | | | | LR | |
| <i>E. dentipalpis</i> (Wid. 1834) | | | | | | | | | | | | | | | LR | |

Tab. 1 (continued)

| Family/Species | Site → | PLA | | | »Southern sector« | | | | Ecosozological status (ESS) | | | | | | | |
|--------------------------------------------------------------------------------|--------|-----|-----|-----|-------------------|-----|-----|-----|-----------------------------|----|----|----|----|-----------------|----|----|
| | | Vá | Ro | St | DV | HV | Hr | Sd | Sk | Cz | G* | Sl | GB | B | Sw | F |
| <i>Frontinellina frutetorum</i> (C. L. K. 1834) | | | 1/- | | 3/1 | | 1/- | | | | | | | R | | |
| <i>Gongylidiellum latebricola</i> (O. P.-Cbr. 1871) | -/1 | | | | -/1 | | | | LC | | U | | | LR | | |
| <i>Hypomma cornutum</i> (Bl. 1833) | | | | -/2 | | | | | | | U | | | LR | | |
| <i>Lepthyphantes flavipes</i> (Bl. 1854) | | | | | | | -/3 | | | | G | | | LR | | |
| <i>L. keyserlingi</i> (Auss. 1867) + | | | | | | | -/2 | | | | | | | DD | | NT |
| <i>L. leprosus</i> (Ohl. 1865) | | | | | | | -/1 | | LC | | ■ | | | LR | | |
| <i>L. nodifer</i> Sim. 1884 + | 1/- | | | | | | | | | | ■ | | | LR | | |
| <i>L. obscurus</i> (Bl. 1841) | | | | | -/1 | | | | | | | | | LR | | |
| <i>L. tenebricola</i> (Wid. 1834) | | | | -/1 | | | | | | | | | | LR | | |
| <i>L. tenuis</i> (Bl. 1852) | | | | -/1 | | | | | | | | | | LR | | |
| <i>Linyphia hortensis</i> Sund. 1830 | 1/- | -/1 | | | | | | | | | | | | LR | | |
| <i>Maso sundevalli</i> (Westr. 1851) + | 1/- | 1/3 | -/1 | | | | -/4 | | | | | | | LR | | |
| <i>Megalepthyphantes pseudocollinus</i> Saaristo 1997 ⁴⁸ + | | | | | | | 1/- | | DD | VU | | | | | | |
| <i>Meioneta affinis</i> (Kulcz. 1898) | | | | -/1 | | | | | | | | | | EN | | |
| [= <i>M. baeta</i> (O. P.-Cbr. 1906)] + | | | | | | | | | | | | | | | | |
| <i>Meioneta equestris</i> (L. K. 1881) ⁴⁹ + | | | | | | | 1/- | | VU | NT | Sg | | | | | |
| <i>Metopobactrus prominulus</i> (O. P.-Cbr. 1872) ⁵⁰ + | -/1 | | | | | | | | VU | NT | | | | VU | | |
| <i>Micrargus herbigradus</i> (Bl. 1856) | 2/- | 1/- | 1/- | | | | -/1 | | | | | | | LR | | |
| <i>M. subaequalis</i> (Westr. 1851) | -/1 | | | | | | | | | | ■ | | | LR | | |
| <i>Microlyniphia pusilla</i> (Sund. 1830) | 1/- | | | | | | 1/- | | | | | | | LR | | |
| <i>Microneta viaria</i> (Bl. 1841) | | -/1 | | | -/1 | | | | | | | | | LR | | |
| <i>Minicia marginella</i> (Wid. 1834) + | 3/3 | 1/3 | | | -/3 | | | -/3 | | | G | | | | | |
| <i>Neriene clathrata</i> (Sund. 1830) | | | -/1 | | | | | | | | | | | LR | | |
| <i>N. emphana</i> (Walck. 1842) | -/1 | | | | | | | | | | | | | VU | | |
| <i>N. peltata</i> (Wid. 1834) | | 1/- | 1/- | | | | | | | | ■ | | | LR | | |
| <i>N. radiata</i> (Walck. 1841) | 1/- | | | | | | | | | | ■ | | | CR | | |
| <i>Oedothorax apicatus</i> (Bl. 1850) | 1/- | 1/- | 1/- | | | | 1/1 | 1/- | | | | | | LR | | |
| <i>Panamomops fagei</i> Mill. & Krat. 1939 | 1/1 | | | | 1/- | 1/- | -/1 | | | | ■ | | | | | |
| <i>Pocadicnemis pumila</i> (Bl. 1841) | 1/1 | | | | | | | | | | | | | LR | | |
| <i>Porrhomma microphthalmum</i> (O. P.-Cbr. 1871) | -/1 | | | | | | | | | | | | | LR | | |
| <i>Saloca diceros</i> (O. P.-Cbr. 1871) + | | | | | -/1 | | | | | | ■ | | | VU | | |
| <i>Sintula corniger</i> (Bl. 1856) + | | | | | -/1 | | | | | | G | | | En ^p | | |
| <i>Tapinocyba affinis</i> (Less. 1907) + | -/1 | -/1 | | | | 1/2 | | | | | ■ | | | | | |
| <i>T. insecta</i> (L. K. 1869) | -/1 | -/1 | | | | | 2/- | | NT | NT | G | | | LR | | |
| <i>Theonina cornix</i> (Sim. 1881) ⁵¹ | | | | | | | | | | | | | | | | |
| <i>Thyreosthenius parasiticus</i> (Westr. 1851) + | | | | | | | | 1/3 | | | | | | LR | | |
| <i>Tiso vagans</i> (Bl. 1834) | -/1 | | | | | | | | | | | | | LR | | |
| <i>Trematocephalus cristatus</i> (Wid. 1834) | 1/- | 3/1 | | | | | | | | | ■ | VU | | VU | | |
| <i>Trichoncus affinis</i> Kulcz. 1894 ⁵² + | 2/1 | | | | | | | 1/- | VU | G | | VU | | | | |
| <i>T. auritus</i> (L. K. 1869) [= <i>kulczynskii</i> Mill. 1935] ⁵³ | | | | | 1/- | 1/- | | | NT | | | | | | | |
| <i>Walckenaeria antica</i> (Wid. 1834) | | | | | | | | | | | | | | LR | | |
| <i>W. atrotibialis</i> (O. P.-Cbr. 1878) | -/1 | | | | | | | | | | | | | LR | | |
| [= <i>melanocephala</i> (O. P.-Cbr. 1881)] | | | | | | | | | | | | | | En ^p | | |
| <i>W. capito</i> (Westr. 1861) + | | | | | | | | | | | ■ | | | | | |
| <i>W. cucullata</i> (C. L. K. 1836) + | | | | | | | | 1/1 | | | | | | LR | | |
| <i>W. simplex</i> (Chyz. 1894) ⁵⁴ + | -/2 | | | | | | | | NT | | | | | EN | | |
| Tetragnathidae | | | | | | | | | | | | | | | | |
| <i>Meta menardi</i> (Latr. 1804) | | | | | | | | | | | | | | | | |

Tab. 1 (continued)

| Family/Species | Site → | PLA | | | »Southern sector« | | | | Ecosozological status (ESS) | | | | | | | |
|---------------------------------------------------|--------|------|-----|-----|-------------------|-----|-----|----|-----------------------------|----|----|----|----|-----------------|-----------------|-----------------|
| | | Vá | Ro | St | DV | HV | Hr | Sd | Sk | Cz | G* | Sl | GB | B | Sw | F |
| <i>Metellina mengei</i> (Bl. 1870) | | 1/1 | 2/- | -/1 | | | 2/- | | | | | | | LR | | |
| <i>Pachygnatha degeeri</i> Sund. 1830 | | -/1 | 1/- | | | | 2/- | | | | | | | LR | | |
| <i>Tetragnatha pinicola</i> L. K. 1870 | | | 3/- | | 2/- | | 1/- | | | | | | | LR | | |
| Araneidae | | | | | | | | | | | | | | | | |
| <i>Aculepeira ceropegia</i> (Walck. 1802) | | 2 s. | -/2 | 1/- | | | | | | | ■ | | | | DD | EN |
| <i>Agalenataea redii</i> (Scop. 1763) | | | | | | | | | | ■ | | | | VU | | |
| <i>Araneus alsine</i> (Walck. 1802) + | | | | | | | | | | G | | | | VU | | |
| <i>A. angulatus</i> Cl. 1757 ¹⁵ | | | -/1 | | | | | | | G | | | | EN | NT | VU |
| <i>A. [= Atea] sturmii</i> (Hahn 1831) | | | -/1 | | | | | | | U | | | | LR | | |
| <i>A. [= Atea] triguttatus</i> (F. 1775) | | | | | | | | | | | | | | LR | DD | |
| <i>Araniella cucurbitina</i> (Cl. 1757) | | 1/- | -/2 | | | | | | | | | | | LR | | |
| <i>Argiope bruennichi</i> (Scop. 1772) + | | juv | | | 1/- | | | | | | | | | R | | |
| <i>Cercidia prominens</i> (Westr. 1851) + | | | | | juv | | | | | | | | | LR | | |
| <i>Cyclosa conica</i> (Pall. 1772) | | | | | | 2/- | | | | | | | | LR | | |
| <i>Gibbaranea bituberculata</i> (Walck. 1802) | | | | | | | 2/- | | | | ■ | | EN | En ^p | Ex ^r | |
| <i>Hypsosinga sanguinea</i> (C. L. K. 1844) | | 2/4 | | 1/2 | 1/4 | | 1/- | | | G | | | | EN | | |
| <i>Mangora acalypha</i> (Walck. 1802) | | 2/- | 2/1 | | 4/- | | | | | | | | | LR | | |
| <i>Nuctenea umbratica</i> (Cl. 1757) | | | -/1 | | | | | | | | | | | LR | | |
| <i>Zilla diodia</i> (Walck. 1802) | | | | | | | | | | | | | | LR | DD | |
| Lycosidae | | | | | | | | | | | | | | | | |
| <i>Alopecosa accentuata</i> (Latr. 1817) | | | 1/1 | | | | 1/2 | | | ■ | | | | | | |
| <i>A. aculeata</i> (Cl. 1757) | | | | | | | 1/1 | | | G | | | | | | |
| <i>A. cuneata</i> (Cl. 1757) | | | | | | | | | | VU | | | | VU | | |
| <i>A. inquilina</i> (Cl. 1757) | | | -/1 | | | | | | | | | | | LR | | |
| <i>A. pulverulenta</i> (Cl. 1757) | | | 1/- | | | | | | | | | | | CR | | |
| <i>A. sulzeri</i> (Pav. 1873) ¹⁶ | | | 1/- | | | | 1/2 | | | Sg | | | | R | NT | DD |
| <i>A. trabalis</i> (Cl. 1757) | | | | | | 2/- | | | | ■ | | | | VU | | |
| <i>Arctosa figurata</i> (Sim. 1876) ¹⁷ | | | -/1 | | | | | | | G | | | | R | | |
| <i>Aulonia albimana</i> (Walck. 1805) | | 1/3 | | 1/- | | | 2/- | | | ■ | | | EN | Ex ^r | | VU |
| <i>Pardosa amentata</i> (Cl. 1757) | | | | | | | | | | G | | | | LR | | |
| <i>P. bifasciata</i> (C. L. K. 1834) | | -/1 | | | | | | | | ■ | | | | | | |
| <i>P. hortensis</i> (Thor. 1872) | | | | | | | | | | G | | | | R | | |
| <i>P. lugubris</i> (Walck. 1802) | | 1/- | 1/- | 4/- | | | | | | ■ | | | | VU | | |
| <i>P. paludicola</i> (Cl. 1757) | | | 1/- | | 2/- | | | | | R | | | | Ex ^r | | |
| <i>P. pullata</i> (Cl. 1757) | | | | | | | | | | | | | | LR | | |
| <i>P. riparia</i> (C. L. K. 1833) | | -/1 | -/1 | -/1 | | | 1/- | | | | | | | LR | | |
| <i>Trochosa terricola</i> Thor. 1856 | | | | | | | | | | | | | | VU | | |
| <i>Xerolycosa nemoralis</i> (Westr. 1861) | | | | | | | | | | | | | | LR | | |
| Pisauridae | | | | | | | | | | | | | | | | |
| <i>Pisaura mirabilis</i> (Cl. 1757) | | | 2/1 | | 2/3 | 2/4 | | | | | | | | LR | | |
| Agelenidae | | | | | | | | | | | | | | | | |
| <i>Agelena labyrinthica</i> (Cl. 1757) | | | -/1 | | -/2 | | | | | | | | | LR | | Ex ^r |
| <i>Histopona torpida</i> (C. L. K. 1834) | | | | | 1/- | | | | | | | | | R | | |
| <i>Tegenaria agrestis</i> (Walck. 1802) | | | | | | | | | | | | | | LR | | |
| <i>T. atrica</i> C. L. K. 1843 + | | | | | | | | | | | | | | LR | | |
| <i>T. campestris</i> C. L. K. 1834 | | | | | | | | | | | | | | LR | | |
| <i>T. domestica</i> (Cl. 1757) | | | | | | | | | | | | | | LR | | |
| <i>T. ferruginea</i> (Panz. 1804) | | | | | | | | | | | | | | LR | | |
| <i>T. silvestris</i> L. K. 1872 | | | 1/- | 1/1 | | | | | | | | | | VU | | |
| <i>Textrix denticulata</i> (Oliv. 1789) + | | -/1 | -/1 | | | | -/1 | | | | | | | LR | | |
| Cybaeidae | | | | | | | | | | | | | | | | |
| <i>Cybaeus angustiarum</i> L. K. 1868 | | | | | | | | | | | | | | DD | | |
| Hahniidae | | | | | | | | | | | | | | | | |
| <i>Cryphoeca silvicola</i> (C. L. K. 1834) + | | | | | | | | | | | | | | EN | | |
| <i>Hahnia helveola</i> Sim. 1875 | | | -/1 | | | | | | LC | | R | | | VU | | |

Tab. 1 (continued)

| Family/Species | Site → | PLA | | | »Southern sector« | | | | Ecosozological status (ESS) | | | | | | | |
|-------------------------------------------------------------------------------|--------|-----|-----|-----|-------------------|-----|-----|----|-----------------------------|----|----|----|----|----|----|----|
| | | Vá | Ro | St | DV | HV | Hr | Sd | Sk | Cz | G* | SI | GB | B | Sw | F |
| <i>Hahnia nava</i> (Bl. 1841) | | | | | -/1 | | | | | | ■ | | | EN | | |
| Dictynidae | | | | | | | | | | | | | | LR | DD | VU |
| <i>Cicurina cicur</i> (F. 1793) | -/1 | -/2 | | | 1/- | | -/1 | | | | | | | LR | | |
| <i>Dictyna arundinacea</i> (L. 1758) | -/1 | | | 2/3 | | -/2 | 1/- | | EN | | G | | | LR | | |
| <i>D. latens</i> (F. 1775) ▲ ¹⁸ | | | | | | | | | | | | | | EN | | |
| <i>D. uncinata</i> Thor. 1856 | 1/- | | | | | | 3/- | | | | | | | LR | | |
| <i>Nigma flavescentis</i> (Walck. 1830) | | 5/2 | | | | | | | | | | | | LR | | |
| Amaurobiidae | | | | | | | | | | | | | | DD | NT | |
| <i>Amaurobius fenestralis</i> (Ström 1768) | | | -/1 | | | | | | | | | | | LR | | |
| <i>Callobius claustrarius</i> (Hahn 1833) | | | | | | | | | | | | | | DD | | |
| <i>Coelotes atropos</i> (Walck. 1830) | | | | | | | | | | | | | | R | | |
| <i>C. inermis</i> (L. K. 1855) | | | -/3 | -/3 | | | | | | | | | | VU | | |
| <i>C. terrestris</i> (Wid. 1834) | -/1 | -/3 | -/1 | | | | | | | | | | | CR | | |
| Titanocidae | | | | | | | | | | | | | | NT | | |
| <i>Titanoeeca quadriguttata</i> (Hahn 1833) | 1/- | 1/- | | | 2/3 | 1/- | | | VU | | ■ | VU | | | | |
| <i>T. schineri</i> L. K. 1872 ▲ ¹⁹ | | | | | | | | | | | | | | | | |
| Anyphaenidae | | | | | | | | | | | | | | NT | | |
| <i>Anyphaena accentuata</i> (Walck. 1802) | | 1/- | | | | | | | | | | | | | | |
| Liocranidae | | | | | | | | | | | | | | | | |
| <i>Agroeca cuprea</i> Menge 1873 | -/1 | -/1 | | | | | | | | | G | | | EN | | |
| <i>Apostenus fuscus</i> Westr. 1851 | 2/6 | | -/1 | | | | | | | | | | | EN | | DD |
| <i>Liocranum rupicola</i> (Walck. 1830) | | | -/1 | | | | | | | | | | | EN | | |
| <i>L. rutilans</i> (Thor. 1875) ▲ ²⁰ + | | | | | | | | | | | | | | LR | | |
| <i>Phrurolithus festivus</i> (C. L. K. 1835) | 1/- | -/2 | | | 1/- | 1/- | -/2 | | VU | VU | Sg | | | CR | | |
| <i>Ph. minimus</i> C. L. K. 1839 ▲ ²¹ + | -/1 | | | | | | | | | | | | | LR | | |
| <i>Ph. szilyi</i> Herm. 1879 ▲ ²² | | 1/1 | | | 1/- | 1/- | 1/- | | | NT | ■ | | | | | |
| <i>Scotina celans</i> (Bl. 1841) ▲ ²³ | | | | | 1/2 | | | | VU | | G | | | R | NT | |
| Clubionidae | | | | | | | | | | | | | | | | |
| <i>Cheiracanthium erraticum</i> (Walck. 1802) + | 1/- | | | | | | | | EN | EN | R | | | LR | | |
| <i>Ch. oncognathum</i> Thor. 1871 ▲ ²⁴ | | | | | 1/2 | | | | | | | | | EN | | |
| <i>Clubiona caerulescens</i> L. K. 1867 + | | | -/1 | | | | | | | | | | | LR | | |
| <i>C. compta</i> C. L. K. 1839 | | 1/1 | | | | | | | | | | | | LR | | |
| <i>C. diversa</i> O. P.-Cbr. 1862 | | 1/- | | | | | | | | | | | | LR | | |
| <i>C. genevensis</i> L. K. 1866 ▲ ²⁵ | | | | | 1/- | | | | LC | VU | G | | | CR | DD | |
| <i>C. lutescens</i> Westr. 1851 | | | 1/- | | | | | | | | | | | LR | | |
| <i>C. neglecta</i> O. P.-Cbr. 1862 | | | | | 1/- | | | | | | | | | LR | | |
| <i>C. saxatilis</i> L. K. 1866 [= <i>dvoraki</i> Mill. 1943] ▲ ²⁶ | -/1 | | -/1 | | | | | | LC | EN | | | | LR | | |
| <i>C. terrestris</i> Westr. 1851 + | -/1 | -/1 | | | | | | | | | | | | | LR | |
| Zodariidae | | | | | | | | | | | | | | | | |
| <i>Zodarion germanicum</i> (C. L. K. 1837) | -/1 | 1/- | | | | 1/- | -/2 | | | | G | VU | | EN | | |
| Gnaphosidae | | | | | | | | | | | | | | | | |
| <i>Callilepis nocturna</i> (L. 1758) | -/2 | | | | | -/1 | | | | | G | | | R | | |
| <i>C. schuszteri</i> (Herm. 1879) | | 1/1 | | | | | | | | | Sg | | | | | |
| <i>Drassodes lapidosus</i> (Walck. 1802) | 1/- | | | | 1/- | | | | | | ■ | | | LR | | |
| <i>D. pubescens</i> (Thor. 1856) | | 1/- | | | | | | | | | | | | EN | | |
| <i>Drassyllus</i> [= <i>Zelotes</i>] <i>praeficus</i> (L. K. 1866) | -/1 | -/2 | | | | | | | | | ■ | | | CR | | |
| <i>D. [= <i>Zelotes</i>] <i>pumilus</i></i> (C. L. K. 1839) ▲ ²⁷ + | | | | | | | | | NT | G | | | | | | |
| <i>D. [= <i>Zelotes</i>] <i>villicus</i></i> (Thor. 1875) ▲ ²⁸ | | -/1 | | | 1/- | 1/- | | | | G | | | | | | |
| <i>Gnaphosa bicolor</i> (Hahn 1833) ▲ ²⁸ | 1/1 | | -/1 | | 1/- | | | | | G | | VU | | CR | | |
| <i>G. lucifuga</i> (Walck. 1802) + | | | | | 1/- | | | | NT | G | | VU | | R | | |
| <i>G. opaca</i> Herm. 1879 ▲ ²⁹ | | | | | | | | | | Sg | | | | | | |
| <i>Haplodrassus dalmatinus</i> (L. K. 1866) ▲ ³⁰ + | | | | | 1/- | | | | NT | VU | G | VU | | EN | | |

Tab. 1 (continued)

| Family/Species | Site → | PLA | | | »Southern sector« | | | | Ecosozological status (ESS) | | | | | | | |
|-----------------------------------------------------------------------------------------------|--------|------|-----|-----|-------------------|-----|-----|-----|-----------------------------|----|-----|----|----|-----------------|----|----|
| | | Vá | Ro | St | DV | HV | Hr | Sd | Sk | Cz | G* | Sl | GB | B | Sw | F |
| <i>Haplodrassus kulczynskii</i> Lohm. 1942 ▲ ³¹ | | -/1 | | | 2/- | -/2 | | | LC | | G | VU | | | | |
| <i>H. signifer</i> (C. L. K. 1839) | | -/1 | | | | | 1/- | | | | | | | LR | | |
| <i>H. silvestris</i> (Bl. 1833) | | -/3 | | | 1/1 | | | -/1 | | | | | | EN | | |
| <i>Micaria fulgens</i> (Walck. 1802) | | 1/1 | | | | | | -/1 | | | ■ | | | EN | | |
| <i>Scotophaeus scutulatus</i> (L. K. 1866) + | | | | | | | | | | | ■ | | | LR | | |
| <i>S. quadripunctatus</i> (L. 1758) + | | | | | | | | | | | ■ | | | | | |
| <i>Zelotes apricorum</i> (L. K. 1876) | -/1 | 1/- | 1/2 | | | | -/2 | | | | ■ | | | En ^p | | |
| <i>Z. electus</i> (C. L. K. 1839) + | | | | | 2/- | 1/- | | | | Ø | | | VU | | | |
| <i>Z. hermani</i> (Chyz. 1897) ▲ ³² | | -/1 | | | | -/2 | 1/- | | | EN | NT | ■ | | VU | | NT |
| <i>Z. petrensis</i> (C. L. K. 1839) | | | | | | | -/2 | 1/- | | | | | | VU | | |
| <i>Z. pygmaeus</i> Mill. 1943 ▲ ³³ + | | | | | | | | | | | | | | LU | | |
| <i>Z. subterraneus</i> (C. L. K. 1833) | | -/2 | -/2 | | | | | 1/1 | | | | | | LR | | |
| Zoridæ | | | | | | | | | | | | | | | | |
| <i>Zora nemoralis</i> (Bl. 1861) | 1/1 | -/2 | 1/1 | | | | | 1/1 | | | | | | CR | | |
| Heteropodidae | | | | | | | | | | | | | | CR | | |
| <i>Micrommata virescens</i> (Cl. 1757) | | 2 j. | | | 2/- | | | | | | ■ | | | | | |
| Philodromidae | | | | | | | | | | | | | | | | |
| <i>Philodromus albidus</i> Kulcz. 1911 + | | 1/- | | | | | | | | DD | | | | EN | | |
| <i>Ph. aureolus</i> (Cl. 1757) | | -/1 | | | | | | | | | | | | LR | | |
| <i>Ph. caespitum</i> (Walck. 1802) + | | | | | 1/- | | | | | | | | | LR | | |
| <i>Ph. dispar</i> Walck. 1826 | | 1/1 | | | | | -/1 | | | | | | | LR | | |
| <i>Ph. emarginatus</i> (Schr. 1803) | | | | | | | | | | | U | | | En ^p | | |
| <i>Thanatus formicinus</i> (Cl. 1757) | | | | | | 1/1 | | | | | G | | | VU | | |
| <i>Tibellus oblongus</i> (Walck. 1802) | 1/- | | | 1/- | | | | 1/- | | | | | | VU | | |
| Thomisidae | | | | | | | | | | | | | | | | |
| <i>Coriarachne depressa</i> (C. L. K. 1837) + | | | | | 1/- | | | | | | ■ | | | R | | |
| <i>Diaeä dorsata</i> (F. 1777) | 1/1 | 1/2 | -/1 | | | | | | | | | | | LR | | |
| <i>Misumena vatia</i> (Cl. 1757) | 2/- | 3/1 | | | | 1/- | | | | | | | | R | | |
| <i>Misumenops tricuspidatus</i> (F. 1775) | | | | | | | | | | | ■ | | | EN | | |
| <i>Ozyptila atomaria</i> (Panz. 1801) | | -/1 | -/1 | | | | | | | | | | | EN | | |
| <i>O. nigrita</i> (Thor. 1875) [= <i>claveata</i> (Walck. 1837)] | -/1 | | | | | | | | | | G | VU | | CR | | NT |
| <i>O. scabricula</i> (Westr. 1851) ▲ ³⁴ | | | | | -/1 | | | | | | G | | | EN | | |
| <i>O. simplex</i> (O. P.-Cbr. 1862) ▲ ³⁵ | | | | | 1/- | | | | | | G | VU | | LR | | |
| <i>Pistius truncatus</i> (Pall. 1772) + | 1/- | -/1 | | | | | | -/2 | | | VU | | | EN | CR | DD |
| <i>Synema globosum</i> (F. 1775) + | | -/2 | | | | 1/- | | | | | G | | | R | | |
| <i>Tmarus piger</i> (Walck. 1802) | 1/1 | | | | | 1/- | 1/- | | | | G | | | R | | |
| <i>T. stellio</i> Sim. 1875 ▲ ³⁶ + | | | | | 1/- | | | | | | G | | | LR | | |
| <i>Xysticus audax</i> (Schr. 1803) | 2/- | 1/- | | 2/- | -/1 | | | | | | | | | CR | | |
| <i>X. bifasciatus</i> C. L. K. 1837 | -/1 | 1/- | | | | | | | | | ■ | | | LR | | |
| <i>X. cristatus</i> (Cl. 1757) | 1/- | 1/- | | | 1/- | | | | | | | | | CR | | |
| <i>X. erraticus</i> (Bl. 1834) | | 2/- | | | | 1/- | | | | | ■ | | | LR | | |
| <i>X. kochi</i> Thor. 1872 | 1/- | | | | | 7/- | | | | | ■ | | | EN | | |
| <i>X. lanio</i> C. L. K. 1835 | 1/- | 2/- | | | | | | | | | | | | LR | | |
| <i>X. ninnii</i> Thor. 1872 ▲ ³⁷ | | | | | | | 1/- | | | | | | | LR | | |
| <i>X. robustus</i> (Hahn 1832) | | | | | | | | | | | | | | EN | | |
| <i>X. ulmi</i> (Hahn 1831) + | | | | | | 1/- | | | | | | | | LR | | |
| Salticidae | | | | | | | | | | | | | | | | |
| <i>Aelurillus v-insignitus</i> (Cl. 1757) | | | | | | 1/- | | | | | ■ | | | VU | | |
| <i>Ballus chalybeius</i> (Walck. 1802) | | 1/2 | | | | 1/- | | | | | ■ | | | LR | | |
| <i>Carrhotus xanthogramma</i> (Latr. 1819) [= <i>bicolor</i> (Walck. 1802)] ▲ ³⁸ + | | 1/- | | | | | | | | | G | | | | | |
| <i>Chalcoscirtus pseudoinfimus</i> Ovtsh. 1978 [= <i>infimus</i> (Sim. 1868)] ▲ ³⁹ | | | | | 1/- | | | | | | VAb | | | | | |
| <i>Euophrys frontalis</i> (Walck. 1802) | 1/1 | 1/- | | | | | | | | | | | | LR | | |

Tab. 1 (continued)

| Family/Species | Site → | PLA | | | »Southern sector« | | | | Ecosozological status (ESS) | | | | | | | |
|-------------------------------------------------------------|--------|-----|-----|-----|-------------------|-----|-----|-----|-----------------------------|-----|----|----|----|-----------------|----|----|
| | | Vá | Ro | St | DV | HV | Hr | Sd | Sk | Cz | G* | Sl | GB | B | Sw | F |
| <i>Evarcha arcuata</i> (Cl. 1757) | | 3/- | 2/- | 1/- | 3/- | | | | | | | | | LR | | |
| <i>E. falcata</i> (Cl. 1757) | 1/1 | 2/1 | -/1 | | | | 3/- | | | | | | | LR | | |
| <i>E. laetabunda</i> (C. L. K. 1846) | 1/- | 1/- | | 4/- | | | | | LC | | G | | | EN | | |
| <i>Heliophanus aeneus</i> (Hahn 1832) | | | | 1/- | 1/- | | | | | | G | | | Ex ^r | | |
| <i>H. auratus</i> C. L. K. 1835 + | | | | -/2 | 1/- | | | | | | ■ | | | EN | | |
| <i>H. cupreus</i> (Walck. 1802) | 1/- | 5/1 | 1/- | 4/- | | 3/- | | | | | ■ | | | VU | EN | |
| <i>H. dubius</i> C. L. K. 1835 | 2/- | | | 2/- | | | | | | | ■ | | | LR | R | |
| <i>H. flavipes</i> (Hahn 1832) | | | | | | | | | | | | | | LR | | |
| <i>Leptorcheates berolinensis</i> (C. L. K. 1846) + | | | | | 1/- | -/2 | 1/- | VU | | U | | | | | | |
| <i>Marpissa muscosa</i> (Cl. 1757) | | | | | 3 j. | | 1/1 | NT | VU | ■ | | | | LR | | |
| <i>M. [= Hyctia] nivoyi</i> (Luc. 1846) ▲ ⁴⁰ + | 1/- | | | | | 1/- | 1/- | VU | VU | VAb | VU | | | EN | | |
| <i>Myrmarachne formicaria</i> (De Geer 1778) | | | | | | | | VU | | ■ | | | | LR | | |
| <i>Neon laevis</i> (Sim. 1871) ▲ ⁴¹ + | 1/- | | -/1 | | | | | VU | EN | G | | | | | | |
| <i>N. reticulatus</i> (Bl. 1853) + | | | | | | 2/- | | VU | | ■ | | | | LR | | |
| <i>Pellenes nigrociliatus</i> (Sim. 1875) ▲ ⁴² + | | | | | | 1/- | | VU | | Sg | | | | | | |
| <i>P. tripunctatus</i> (Walck. 1802) | 1/- | | | -/2 | | | | | | G | VU | | EN | EN | | NT |
| <i>Phlaeius chrysops</i> (Poda 1761) ▲ ⁴³ + | | -/1 | | 1/- | | | | | | VAb | VU | | | | | |
| <i>Phlegra fasciata</i> (Hahn 1826) | | -/1 | | 1/- | | | | | | | R | VU | | | | |
| <i>Ph. festiva</i> (C. L. K. 1834) | | | | -/1 | -/1 | | | | | | G | | DD | | | |
| <i>Pseudeuophrys [= Euophrys] erratica</i> (Walck. 1826) + | | | | 3/- | | | | LC | | ■ | | | | DD | DD | NT |
| <i>Pseudicius encarpatus</i> (Walck. 1802) + | | | | | | | | LC | | ■ | | | | | | |
| <i>Salticus scenicus</i> (Cl. 1757) | -/1 | | | | | | 2/- | 1/- | | | | | | DD | LR | |
| <i>S. zebraneus</i> (C. L. K. 1837) | | | | | | | 1/- | | | | | | | LR | LR | |
| <i>Sitticus pubescens</i> (F. 1775) | | | | -/1 | | | | | | | | VU | | | LR | |
| <i>S. rupicola</i> (C. L. K. 1837) + | | | | -/1 | | | | | | | | | | | | |
| <i>S. saxicola</i> (C. L. K. 1846) ▲ ⁴⁴ | | | | | | 2/- | | NT | DD | Sg | | | | | | |
| <i>Synageles venator</i> (Luc. 1846) + | | | -/1 | | | | -/1 | NT | NT | ■ | | | | LR | | |

ESS (countries): Sk – Slovakia, Cz – Czech republic, G – Germany, Sl – Slovenia, GB – Great Britain, B – Belgium, Sw – Sweden, F – Finland; ESS (categories): Ex^r – regionally extinct, CR – critically endangered, EN – endangered, En^p – probably endangered, VU – vulnerable, R – rare, CD – care demanding, DD – data deficiency, IK – insufficiently known, LR – lower risk, LC – (lower risk) least concern, NT – (lower risk) near threatened, R – rare; * different system of ecosozological categories is used in Germany, nevertheless is more-or-less easily compatible with ones according to IUCN: VAb – ‘Vom Aussterben bedroht’ (it means CR according to IUCN), Sg – ‘stark gefährdet’ (≈ EN according to IUCN), G – ‘gefährdet’ (≈ VU), R – ‘Arten mit geographischer Restriktion’ (≈ LR nt), U – ‘Arten, deren Gefährdungsstatus unsicher ist’ (≈ IK), ■ – unspecified species, Ø – the species has not been documented in the Czech republic till now; 1/2 – one male and two females were collected, 1/- one male was collected, but more individuals were registered and left; ▲ – detailed data are supplemented below; + species has not been cited from the Strážovské vrchy Mts. (Gajdoš, Svatoň & Sloboda 1999)

20th Apr. 2002, ♂ + 2 ♀; Hr, 19th June 2002, ♂. **24** – DV, swept from xerothermic vegetation 18th May 2002, ♂ + 2 ♀. A very rare species, known only from two further records: NR Súľovské skaly (6877a/b), 1971, pitfall trap, ♀ (Miller & Svatoň 1974); and Zemplínske vrchy (7596), unpublished, Zbytek lgt. (Gajdoš, Svatoň & Sloboda 1999). **25** – DV, xerothermic rocky pasture 20th Apr. 2002, ♂. **26** – St, in the litter of sunny scree slope 24th June 2004, ♀. Its occurrence in the mountain massif of Strážov is remarkable. **27** – HV, 28th Apr. 2002, ♂. **28** – relatively abundant throughout the region. The occurrence of this thermophilic species in the mountain massif of Strážov is very remarkable! **29** – DV, 2nd July 2002, ♂. A rare species of the warmest habitats. **30** – DV, 20th Apr. 2002, ♂; the same as in ‘29’.

31 – relatively abundant throughout the region, nevertheless indicates rich xerothermic habitats. **32** – DV, 1st May 1993, 2 ♂; HV, 28th Apr. 2002, ♂. A rare species of xerothermic habitats. **33** – DV, 2nd July 2002,

♀. A very rare Ponto-Mediterranean species, known only from a few sporadic records: Ostrôžky Mts – Nedelište (7682a/b), rocky steppe, 28th June 2000, ♂; Nová Bašta: ‘Borievka’, xerothermic pasture, 16th May 2001, 2 ♂, V. Franc lgt. et coll.; Štúrovo – obviously surroundings (8178), 10th June 1956, 3 ♀, F. Miller lgt. – the first record for the Slovakian fauna! (Kûrka 1994); „Považské podolie“ (490), P. Gajdoš lgt. (Gajdoš, Svatoň & Sloboda 1999) and Sered' (7772a), xerothermic grassy and shrubby succession on nickel leach dumps (Krajča & Krumpálová 1998). The last mentioned site is notable due to its clearly anthropogenic creation. **34** – DV, 18th May 2002, ♀. A rare species of xerothermic habitats; the same concerns the following species till ‘38’. **35** – DV, 2nd July 2002, ♂. **36** – DV, 2nd July 2002, ♂; HV, 1st May 1993, ♂. **37** – HV, 6th July 1993, ♂. **38** – Ro, 4th Apr. 2003, ♂. **39** – DV, 2nd July 2002, ♂. A very rare and little-known species of the warmest habitats. **40** – Ro, 9th June 2003, ♂; Hr, 19th June 2002, ♂; DV, 20th Apr. 2002, 3 juvenile individuals.

41 – Vá, 11th June 2004, ♂ (P. Gajdoš det.). A little-known rare species of scree slopes, known only from a few recent records. **42** – Hr, 19th June 2002, ♂. **43** – Ro, 25th June 2003, ♀; DV, 23rd Apr. 1994, ♂. A conspicuous, quite rare species of xerothermic habitats. **44** – Hr, scree beech forest 19th June 2002, 2 ♂.

Conclusions

I have documented 274 spider species in the Strážovské vrchy Mts, including 62 species ‘new’ for this orographic unit (distinguished by ‘+’ in the table 1) which are not mentioned in the Catalogue of Slovakian Spiders (Gajdoš, Svatoň & Sloboda 1999). Many of referred spiders prove very high value of this territory from both genofund and environmental point of view. They are often less abundant or even rare, listed in several Red Lists throughout Central, Western and Northern Europe.

More or less clearly thermophilic species are highly prevailing here, occurring in both xerothermic rocky slopes and forests. It especially concerns *Dysdera crocata*, *Eresus cinnaberinus*, *Dipoena prona*, *Acar tauchenius scurrilis*, *Megalepthyphantes pseudocollinus*, *Theonina cornix*, *Trichoncus affinis*, *Arctosa figurata*, *Liocranum rutilans*, *Phrurolithus szilyi*, *Cheiracanthium oncognathum*, *Clubiona genevensis*, *Gnaphosa opaca*, *Haplodrassus dalmatinensis*, *Zelotes pygmaeus*, *Ozyptila scabricula*, *O. simplex*, *Car rhottus xanthogramma*, *Chalcoscirtus pseudoinfimus*, *Marpissa nivoyi*, *Pellenes nigrociliatus*, *Philaeus chrysops*, etc. Only a few species prefer colder mountain habitats: *Cinetata gradata*, *Coelotes atropos* and *Sitticus rupicola*.

The list of spider species is not definitive, of course. I would be glad to continue the spider research in this considerable area ranking among one of the richest »spider sites« in the whole Slovakia. On the other hand, effective nature conservation management of this territory will not be easy, because it will be necessary to deal with the following problems seriously:

- progressive forest succession in many sites (extensive sheep grazing would be the best solution!);
- development of intensive forestry in less-extreme slopes with all the consequences, mainly clean-cutting wood exploitation and conversion of natural forests towards monocultures in the whole area [allochthonous black pine (*Pinus nigra*) canopy ought to be totally reduced];
- burning out the vegetation of xerothermic grasslands (fortunately, it is not so frequent here);
- expansion of both cottage and suburban ‘garden colonies’ in the marginal area of Strážovské vrchy;
- conversion of meadows and woodlands towards urban environment;
- development of stone-extraction industry in the whole area (a lot of quarries appear as a serious subject of the landscape disturbance).

Finally, it will be necessary to solve the dilemma of territorial protection of the “forgotten” southern part of this orographic unit.

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