

Present state of knowledge of araneo-fauna in the Tatra National Park

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Abstract. The paper summarises published and unpublished data concerning the High Tatras to date. Up to the present day, 258 species of spider have been recorded from this region (Gajdoš *et al.* 1999). Kronstedt (1999) mentioned the discovery of another species of the Lycosidae family, *Pardosa fulvipes*, from spruce stands near Stará Lesna. Until now this species was known only from Scandinavia. Up to now, 296 species have been documented in the Western, High and Belianske Tatras.

Key words: Araneae, Tatras, history of research, species enumeration.

Introduction

The result of long-term action of natural agents during geological periods, mountain formation and related changes is that the Tatra araneo-fauna is markedly specific. Thanks to a diversity of habitats, we find glacial relicts (*Lepthyphantes antroniensis*, *Lessertinella carpathica*, *Rhaebothorax morulus*, *Scotinotylus antennatus*), Carpathian and Tatra endemics (*Abacoproeces tatricus* sp. n., *Glyphesis servulus*, *Lepthyphantes varians*, *Mecynargus longus*). There is a large species diversity, dependent on several vegetation zones, from the submontane zone up to the alpine zone. In the highest vegetation zones, in the subalpine and alpine zones, there are several boreal species, until recently regarded as Scandinavian species (*Sisicus apertus*, *Lepthyphantes anulatus*). The area has been dealt with by several authors during history and a picture has gradually been formed of the Tatra araneo-fauna. The aim of this paper is a summarising to date of published data as well as unpublished data which is recorded in the Catalogue of Spiders of Slovakia (Gajdoš *et al.* 1999).

History of spider research in the High Tatras

We find the first data on the araneo-fauna of the High Tatras in the work of Polish arachnologists from the end of the 19th century. During the year 1867 the first written records appear in the work of

L. Wajgiel (Wajgiel 1867, 1868, 1874) and M. Nowicki (Nowicki 1867, 1868, 1869, 1870, 1874) and later, in the work of L. Koch (Koch 1870, 1871, 1876). Unfortunately they mostly conducted their research in the Polish part of the High Tatras. We obtain a more integrated picture including the Slovak part of the High Tatras after the emergence of one of the most important Polish arachnologists, W. Kulczynski (Kulczynski 1876, 1881, 1882a,b, 1884, 1905, 1909, 1915). The first references are in two works of W. Kulczynski from 1882: "Spinnen aus der Tatra und den westlichen Beskiden" and "Opisy nowych gatunków z Tatr, Babiéj góry i Karpat Szlązkich". W. Kulczynski, together with C. Chyzer, compiled their knowledge into a three-volume monograph "Araneae Hungariae" (Kulczynski and Chyzer 1891, 1894, 1897), in which we find data on the occurrence of several species of spiders from localities in the vicinity of Starý and Nový Smokovec, Vyšné Hágy and Štrbské Tarn. Others are from Kôprová, Hlinská, Mengusovská and Velická Valleys, Zlomisk Valleys as well as from Laliové Saddle, Svinica, Kriváň, Mengusovské Peaks, Vysoká, Temné smrečiny, Ladové Tarn, Žabí Tarns and Rysy. Likewise we also have literary citations in the work of O. Herman (Herman 1876, 1879). O. Herman mentions discoveries from the vicinity of Smokovec, Štrbské Tarn, Zelené and Jamské Tarns. From the work of W. Kulczynski until 1930 no one was found who dealt with the issue of spiders in the High Tatras. Only after this year are additional works found by three authors who covered the territory of the High Tatras in the following period. These are J. Kratochvíl (Kratochvíl 1932), F. Miller (Miller 1934, 1951, 1958, 1963, 1967, 1971) and G. Kolosvár (1935, 1937, 1938, 1939, 1944). Some works were published collaboratively (Miller and Kratochvíl 1940, Kratochvíl and Miller 1947). We also find the works of V. Šilhavý (Šilhavý 1938), J. Balogh (Balogh 1940) and J. Buchar (Buchar 1972, 1999). In 1974 a summary of the contemporary status of araneo-fauna in TANAP was published in the Zborník prác o Tatranskom národnom parku (Miller 1974). Research was done in 1977-1979 and 1981 in the central parts of the High Tatras and surrounding Popradská Basin by J. Svatoň (Svatoň 1983), who collected 176 species. He supplemented the work with 96 species that his research did not confirm but about which there were reliable records and a further 35 species, whose occurrence was noted only in the northern part of the High Tatras. All the above works deal mostly with the central part of the Tatras only. The research of P. Gajdoš from 1992 (Gajdoš 1993a) brings us new knowledge from the Western Tatras. He deals with Jalovecká Valley, where he

documented 87 species. A "Catalogue of Spiders of Slovakia" was published in 1999 (Gajdoš *et al.* 1999), in which all data available for a given locality are summarised. Besides published works the work also includes records of spiders which are in private collections. Shortly after publication of the catalogue, J. Buchar published a work (Buchar 1999) on unpublished data of Slovak araneo-fauna. Compleitive data concern collections from 1970-1974 in Malá Studená Valley, Furkotská and Važecká Valley and the upper parts of Kriváň. He then mentions several discoveries from unspecified localities in the Belianské Tatras. In 1999, T. Kronstedt added in his work (Kronstedt 1999) a new species for Slovakia from Stará Lesna, which he caught not far from Hotel Academia. At the present time research is running in the High Tatras focused on changes in arachnocenosa following the wind storm of November 2004. The research is running under the leadership of J. Svatoň in selected localities, while paying attention to plots which he has already dealt with during his life in order to give a more integrated picture of changes in the arachno-fauna during the recent period. Similarly the issue of the Tatras is also being dealt with by P. Gajdoš as a co-author in the work, "Landscape-ecologically optimal spatial and functional exploitation of the territory of the Tatras Biosphere Reserve" (Izakovičová *et al.* 2008). At the present time the work of J. Svatoň (2009) "Spiders of the High Tatras" is in press.

The araneo-fauna of the High Tatras

The composition of the araneo-fauna of the High Tatras indicates the long-term action of various natural agents during geological periods. The araneo-fauna changed in connection with changes in living conditions. During periods of continental glaciation, species from colder zones of northern Europe appeared in the area. Species known from colder zones of northern Europe, taiga and tundra gradually settled and formed the cold-loving component of the Tatra fauna. As the glacier retreated, they did not withdraw to the north, but remained in favourable cold and damp localities. Gradual warming brought more warm-loving species from eastern and southeastern Europe. This caused the spider fauna to be very specific. A diversity of habitats at a whole range of elevations allows particular species representation. Within the High Tatras spider fauna there are species representing Palearctic, Nearctic, European, Euro-Siberian, Siberian, Carpathian, Sudeten-Carpathian, boreal, boreal-Alpine, Caucasian, Samarian and cosmopolitan species as well as endemics. This is why in some vegetation levels we can find some species linked to habitats which belong to other levels. The highest species representation is in the montane zone of the High Tatras. Here, spiders are found in the herb under-storey, on the branches of shrubs and trees, in needles, moss and leaves, under rocks and the bark of trees. Along with more common forest species of spiders, scarce and rare spiders also find their niches here. In view of the nearness of human settlements, we can often meet some literally human-habituated species in Tatra forests (*Megalephthantes nebulosus*, *Steatoda bipunc-*

tata, *Steatoda castanea*, *Tegenaria domestica*, *Tegenaria ferruginea* and others). Ground-dwelling species which we can observe under rocks include *Cybaeus angustiarum*, *Coelotes atropos*, *Coelotes terrestris*, *Tegenaria silvestris*, *Cicurina cicor* and *Callobius claustrarius*. They dwell in shady mountain forests. Sunny forest edges, logged areas and forest clearings are loved by the wolf spider *Acantholycosa lignaria*, which mostly keeps to cut tree trunks, stumps or piles of timber. We can also meet the rare species *Gnaphosa montana*. In the moss of Tatra forests are *Cryphoea carpathica*, *Hahnia difficilis* and *Hahnia montana*. They belong amongst muscicolous species, as do *Robertus trunctorum* and the rarer wolf spider *Alopecosa pinetorum*, so far only identified in the vicinity of Smokovec and Matliare. *Sisicus apertus* and *Lepthyphantes antroniensis*, species which until recently were only known from northern Sweden and Lapland, are also rare. Besides these money spiders (Linyphiidae) some other species at present also occur in the northern-most regions of Europe, which is testament to their presence since ancient glacial times. Among the most common species belong *Linyphia triangularis* and *Pityohyphantes phrygianus*, which spin their webs on spruce branches. They can also occur among the stems of herbs, where they share space with species of orb-weavers (Araneidae) and cobweb spiders (Theridiidae). The occurrence of *Araneus sturmi*, *Cyclosa conica* and *Gibbaranea omoeda* is characteristic of the orb-weavers. Of the cobweb spiders there are *Theridion impressum*, *Theridion sisyphium* and *Theridion varians*. We find the wolf spider *Pardosa sordidata* in boggy parts of Veľká Studená Valley. Here, as well as on Rákoni and Volovec and in Hlinská and Mengusovská Valleys, lives the wolf spider *Pardosa ferruginea*, in dwarf pine stands under the bark of the trees. Scree and moraines are found between the montane and subalpine zones, sometimes extending even into the alpine zone. They form a specific habitat for other Tatra species. One such characteristic species is the wolf spider *Pardosa nigra*. It is a relatively large, darkly-coloured spider. When disturbed, it quickly disappears among the gaps in the scree. If we try to look for it, we can find cocoons of the jumping spider *Sitticus rupicola* under stones on the underside of rocks.

The subalpine zone is also rich in spiders. Many species of money spider occur there, such as *Agniphantes expunctus*, *Mughophantes mughii*, *Mansuphantes arciger*, *Centromerus pabulator* and *Tiso aestivus*. The fauna linked to peat bogs is also scarce. In the peat bog above Nový Smokovec, *Robertus scoticus* has been found, and likewise a rare circumpolar species of orb-weaver (*Araneus nordmanni*). They usually occur in the USA and Canada. It is rare through-out Europe and the only record in Slovakia is from this peat bog. The banks of streams are inhabited by representatives of the wolf spider family (Lycosidae). *Pirata knorri*, *Arctosa maculata*, *Arctosa leopardus* and *Pardosa morosa* occur there. We can also find *Kaestneria torrentum*, which belongs among the Carpathian endemics. Švihrová Nature Reserve has re-vealed two species new to science: *Xysticus slovacus* and *Talavera parvistyla*. The alpine

zone offers an interesting habitat: snowfields, on which snow persists year-round. At the lower edge of snowfields under damp stones lives a community of cold-loving and damp-loving species of spiders. The most abundantly represented is the Linyphiidae family. There are *Oreonetides glacialis*, *Porrhomma egeria*, the Arctic-montane species *Oreonetides vaginatus* and also the montane species *Oreoneta montigena*. The araneo-fauna of snowfields is represented by a single but very abundant species, *Mecynargus longus*, belonging to the Carpathian endemics. Here we have *Mughiphantes pulcher*, *Mughiphantes varians* and the glacial relict *Mecynargus morulus*, found to date only on Kriváň and Mengusovský Peaks, which belongs among the glacial relicts. Among further representatives we add *Diplocephalus helleri*, *Scotinotylus antennatus* and *Panamomops palmgreni*, known only from the Tirolian Alps. An undescribed taxon, belonging to the Genus *Abacoproeces*, has been localised to Žabí Tarns.

Register of discoveries documented in the literature

The register combined all documented discoveries of araneo-fauna within the Tatras. Spiders are listed alphabetically, grouped by family. Each entry contains the scientific name of the taxon, information on inclusion of the species in the Red List and the number of geomorphological units within Slovakia in which its occurrence has been registered. The territory of the Tatras contains three such geomorphological units. They are the Belianske, High and Western Tatras. For each taxon there follows a list of works connected with the given unit.

References

- Balogh, J. 1940: Zur Kenntnis der Spinnenfauna der Nordost-karpaten. *Fragm. Faun. hung. (Budapest)*, **3** (3): 71-74.
- Balogh, J. and Loksa, I. 1946: Symbola ad faunam Araneorum Hungariae cognoscendam. *Fragm. Faun. hung.*, **9** (1-2): 11-16.
- Baum, J. 1930: Doplněk seznamu pavouků. *Čas. Čs. Spol. ent.*, **27** (5-6): 131-133.
- Buchar, J. 1972: Rozbor pavoučí zvířeny Čech. Tézý I. (Habilitation práce). Katedra systematické zoologie Přírodovědecké fakulty Univerzity Karlovy, Praha, pp. 265.
- Buchar, J. 1996: Zoogeografické otázky rozšíření čeledi Lycosidae v bývalé ČSFR. *Entomofauna carpathica*, **8**: 52-55.
- Buchar, J. 1999: Některé nepublikované údaje o arachnofauně Slovenska. *Entomofauna carpathica*, **11**: 33-42.
- Dahl, F. 1908. Die Lycosiden oder Wolfspinnen Deutschlands und ihre Stellung im Haushalt der Natur. *N. Acta Acad. Leop.-Carol.*, **88**: 175-678.
- Franc, V. and Hanzelová, A. 1997: New and Remarkable Findings of Spiders (Araneida) in Slovakia and their Ecosozological Value. *Acta Univ. Carol., Biologica*, **40**: 365-382.
- Gajdoš, P. and Svatoň, J. 1993: The red list of spiders of Slovakia. C.R. XIVE Coll. eur. Arachnol. Catania 1993. *Boll. Accad. Gioenia Sci. Nat.* **26** (345): 115-133.
- Gajdoš, P. 1993a: Research of epigeic spider communities of high Mountain Valley in western Tatras (Jalovec Valley). C.R. XIVE Coll. eur. Arachnol. Catania 1993. *Boll. Accad. Gioenia Sci. Nat.*, **26** (345): 145-163.
- Gajdoš, P. 1993b: Research of epigeic spider communities of high mountain valley in Western Tatras. Abstracts from 14th European Colloquium of Aracchnology, August 23-27, 1993, Catania, Italy (Catania), pp. 18.
- Gajdoš, P. and Svatoň, J. 2001: Červený (Ekosozologický) Zoznam pavúkov (Araneae) Slovenska. In *Červený zoznam rastlín a živočíchov Slovenska* (eds. D. Baláz, K. Marhold and P. Urban), pp. 80-86. Ochrana prírody 20.
- Herman, O. 1876: Magyarország pók-faunája, I. (Ungarns Spinnen-Fauna, I.), Kön. Ungar. Naturwiss. Gesellschaft, Budapest.
- Herman, O. 1879: Magyarország pók-faunája, III. (Ungarns Spinnen-Fauna, III.), Kön. Ungar. Naturwiss. Gesellschaft, Budapest.
- Chyzer, C. and Kulczyński, L. 1891: Araneae Hungariae, I. Editio Academiae scientiarum hungaricae, Budapest.
- Chyzer, C. and Kulczyński, L. 1894: Araneae Hungariae, II., pars prior. Editio Academiae scientiarum hungaricae, Budapest.
- Chyzer, C. and Kulczyński, L. 1897: Araneae Hungariae, II., pars posterior. Editio Academiae scientiarum hungaricae, Budapest.
- Chyzer, C. and Kulczyński, L. 1899: Arachnida. In *Fauna Regni Hungariae, pars III.: Arthropoda* (ed. J. Thalhammer), pp. 1-33. Budapest.
- Izakovičová, Z., Boltiziar, M., Celer, S., David, S., Dítě, D., Gajdoš, P., Hreško, J., Ira, V., Grotkovská, L., Kenderessy, P., Kozová, M., Oszlányi, J., Petrovič, F., Váľkovcová, Z. and Vološčuk, I. 2008: Krajinnokoekologicky optimálne priestorové a funkčné využitie územia Biosferickej rezervácie Tatry. Veda SAV, Bratislava.
- Kasal, P. 1981: Faunistic records from Czechoslovakia. Araneida: *Dictyna major* Menge 1869, *Synaema plorator* Cambridge 1872. *Philaeus bilineatus* Walckenaer 1826, *Enoplognatha schaufussi* L. Koch 1882, *Neottiara suaveolens* Simon 1879, *Panamomops palmgreni* Thaler 1973, *Maso gallica* Simon 1894, *Leptyphantes pallidus alutacius* Miller 1976, *Leptyphantes pulcher* Kulczyński 1881. *Acta Entomol. Bohemoslov.*, **78** (5): 351.
- Kulczyński, W. 1876: Dodatek do fauny pajęczej Galicyi. *Sprawozdanie Komisij Fizjograficznej*, **15**: 41-67.
- Kulczyński, W. 1881: Wykaz pajaków z Tatr, Babiéj góry i Karpat szlaskich z uwzględnieniem pionowego rozsiedlenia pajaków zyjących w Galicyi zachodniej. *Sprawozdanie Komisij Fizjograficznej*, **15**: 248-322.
- Kulczyński, W. 1882a: Opisy nowych gatunków z Tatr, Babiéj góry i Karpat Szlaskich. *Pamięt. Akad. umiej. Wyzd. Mat. Przyr.*, **8**: 1-42.
- Kulczyński, W. 1882b: Spinnen aus der Tatra und den westlichen Beskiden. Krakau.
- Kulczyński, W. 1884: Przegląd krytyczny pajaków z rodziny Attoidae zyjących w Galicyi (Conspectus Attoidarum Galiciae). *Rozpr. Akad. umiej. Wyzd. Mat. Przyr.*, **12**: 136-232.
- Kulczyński, W. 1894: Ueber die Theridioiden der Spinnenfauna Ungarns. *Math. naturwiss. Ber. Ungarn*, **12**: 321-338.
- Kulczyński, W. 1905: Fragmenta arachnologica, II. V. De Araneo cucurbitine CLERCK et nonnullis aliis araneis similibus. *Bull. Acad. Sci., Cl. Sci. Math. Nat.*, 231-250.
- Kulczyński, W. 1909: Fragmenta arachnologica, VIII. XIV. Palpimanorum species Mediterraneae. De nonnullis Araneis Europaeis. Addenda ad descriptiones et corrigenda. *Bull. int. Acad. pol. Sci. Lett.*, **2**: 667-687.
- Kulczyński, W. 1915: Fragmenta arachnologica, X. XVIII. Araneorum species nonnullae novae aut minus cognitae. Descriptiones et adnotationes. *Bull. int. Acad. pol. Sci. Lett.* 1914: 897-942.
- Kocian, A., Svatoň, J. and Štollmann, A. 1973: Přírodní pomery hornej Oravy. (Živá príroda bývalého okresu Trstená). In *Trstená 600-ročná* (eds. Langer, J. et al.) pp.16-67, Osveta, Martin.
- Koch, L. 1870: Beiträge zur Kenntnis der Arachnidenfauna Galiziens. *Rocz. Ces. król. Tow. Nauk. Krakow*, **41**: 1-56.
- Koch, L. 1871: Dodatki do fauny pajęczej Galicyi. *Rocz. Ces. król. Tow. Nauk. Krakow*, **42** (3): 184-219.
- Kolosváry, G. 1935: Neue araneologische Mitteilungen aus Ungarn. *Folia zool. hydrobiol.*, **8** (1): 35-38.
- Kolosváry, G. 1937a: Neue Daten zur Spinnengeographie der

- Karpathenländer. *Festschr. Strand*, **3**: 398-401.
- Kolosváry, G. 1937b: A pókok polyaszovédékeiröl. *Term. Tudom. Közl.*, **1** (4): 98.
- Kratochvíl, J. and Miller, F. 1947: Poznámka k znalostizvířeny pavouků rašelinišť u Rejvizu. *Ent. Listy*, **10** (4): 112-116.
- Kratochvíl, J. 1932: Rod pavouků *Titanoeca* v Československé republice. *Sbor. Přírodov. Spol.*, **7**: 11-24.
- Kronstedt, T. 1999: *Pardosa fulvipes* (Araneae, Lycosidae) new to Slovakia. *Arachnol. Mitt.*, **18**: 71-76.
- Kůrka, A. 1994: Přehled druhů pavouků (Araneida) ve sbírce prof. F. Millera (zoologické sbírky Přírodovědeckého muzea – Národního muzea). Část I. *Čas. Nár. Muz. Řada přírodov.*, **163** (1-4): 43-54.
- Kůrka, A. 1996: A survey of spider species (Araneida) in prof. F. Miller's collection. Department of Zoology. Museum of Natural History, National Museum, part II. *Čas. Nár. Muz., Řada přírodov.*, **165** (1-4): 133-138.
- Kůrka, A. 1997: A survey of spider species (Araneida) in prof. F. Miller's collection. Department of Zoology. Museum of Natural History, National Museum, part III. Thomisidae and Philodromidae. *Čas. Nár. Muz., Řada přírodov.*, **166** (1-4): 47-54.
- Kůrka, A. 1998: A survey of spider species (Araneida) in prof. F. Miller's collection. Department of Zoology. Museum of Natural History, National Museum, part IV.: Lycosidae. *Čas. Nár. Muz., Řada přírodov.*, **167** (1-4): 35-42.
- Kůrka, A. 2001: A survey of spider species (Araneida) in prof. F. Miller's collection. Department of Zoology. Museum of Natural History, National Museum, part VI.: Salticidae. *Čas. Nár. Muz., Řada přírodov.*, **170** (1-4): 81-89.
- Kůrka, A. 2003: A survey of spider species (Araneida) in prof. F. Miller's collection. Department of Zoology. Museum of Natural History, National Museum, part VII.: Theridiidae. *Čas. Nár. Muz., Řada přírodov.*, **172** (1-4): 133-140.
- Kůrka, A. 2004: A survey of spider species (Araneida) in prof. F. Miller's collection. Department of Zoology. Museum of Natural History, National Museum, part VIII.: Araneidae. *Čas. Nár. Muz., Řada přírodov.*, **173** (1-4): 29-34.
- Miller, F. and Kratochvíl, J. 1939: Několik nových pavouků ze střední Evropy. Einige neue Spinnen aus Mitteleuropa. *Sbor. ent. Odd. Nár. Muz.*, **17** (164): 32-38.
- Miller, F. and Kratochvíl, J. 1940: Několik dalších nových pavouků ze střední Evropy. Einige weitere neue Spinnen aus Mitteleuropa. *Věst. Českoslov. Společ. zool.*, **8**: 59-72.
- Miller, F., 1934. Několik vzácnějších pavouků v republice československé. *Věda přír.*, (Praha). **15** (4): 106-109.
- Miller, F. 1958: Příspěvek k poznání československých druhů pavouků rodu *Centromerus* Dahl. Beitrag zur Kenntnis der tschechoslovakischen Spinnenarten aus der Gattung *Centromerus* Dahl. *Čas. českoslov. Společ. ent.*, **55** (1): 71-91.
- Miller, F. 1963: Tschechoslowakische Spinnenarten aus der Gattung *Euryopis* Menge (Aranea, Theridiidae). *Čas. českoslov. Společ. ent.*, **60** (4): 341-348.
- Miller, F. 1966: Einige neue oder unvollkommen bekannte Zwergspinnen (Microphantidae) aus der Tschechoslowakei (Araneida). *Acta Entomol. Bohemoslov.*, **63** (2): 149-164.
- Miller, F. 1967: Studien über die Kopulationsorgane der Spinnengattung *Zelotes*, *Micaria*, *Robertus* und *Dipoena* nebst Beschreibung einiger neuen oder unvollkommen bekannten Spinnenarten. *Přírodov. Pr. Úst. ČSAV Brno, N. S.*, **1** (7): 251-298.
- Miller, F., 1971. Řád Pavouci – Araneida. In *Klíč zvířeny ČSSR* (eds. Daniel, M. and Černý, V.), NČSAV, Praha. **4**: 51-306.
- Miller, F. 1974: Arachnofauna. *Zbor. Prác o Tatran. nár. parku*, **16**: 75-79.
- Nowicki, M. 1867: Zapiski z fauny tatrzańskiej. *Sprawozdanie Komisij Fizjogrificznej*, **1**: 179-227.
- Nowicki, M. 1868: Zapiski z fauny tatrzańskiej. *Sprawozdanie Komisij Fizjogrificznej*, **2**: 77-91.
- Nowicki, M. 1869: Zapiski faunicze. *Sprawozdanie Komisij Fizjogrificznej*, **3**: 145-152.
- Nowicki, M. 1870: Zapiski faunicze. *Sprawozdanie Komisij Fizjogrificznej*, **4**: 1-30.
- Nowicki, M. 1874: Dodatek do fauny pajczaków Galicyi. *Sprawozdanie Komisij Fizjogrificznej*, **8**: 1-11.
- Petrusewicz, K. 1937: Katalog der echten Spinnen (Araneae) *Polens. Festschr. Strand*, **3**: 140-216.
- Proszynski, J. and Starega, W. 1971: Katalog fauny Polski. Pajaki-Aranei, **33**: 382.
- Silhavy, V. 1938: Quelques araignées de la famille Thomisidae, nouv. p. 1. faune de Moravie. *Entomolog. Listy*, **1**: 89-90.
- Svatoň, J. 1981: Einige neue oder unvollkommen bekannte Spinnenarten aus der Slowakei. *Biológia* (Bratislava), **36** (2): 167-177.
- Svatoň, J. 1983a: Pavúky (Araneida) centrálnej časti Vysokých Tatier. *Zbor. Prác o Tatran. nár. parku*, **24**: 95-153.
- Svatoň, J. 1983b: Weitere neue oder unvollkommen bekannte Spinnenarten aus der Slowakei. *Biológia* (Bratislava), **38** (6): 569-580.
- Svatoň, J. 2009: Pavouci Tater. In *Tatry – príroda, história, život – 1. diel*, (eds. Koutná, A. and Šmatlák, J.), in press, BASET, Praha.
- Thaler, K. 1980: *Cryphoea brignolii* n. sp. eine weitere Reliktart der Südalpen – mit Arten-Schlüssel und Versuch eine Kladogramms (Arachnida: Aranei: Agelenidae). *Zool. Anz.*, **204** (5-6): 400-408.
- Wajgiel, L. 1867: Spis pajaków. *Sprawozdanie Komisij Fizjogrificznej*, **1**: 138-141.
- Wajgiel, L. 1868: Spis pajaków. *Spraw. Komisij Fizjogrificznej*, **2**: 153-155.
- Wajgiel, L. 1874: Pajeczaki galicyjskie (Arachnoidea Haliacae). *Kolomea*, 1-36.
- Wunderlich, J. 1972: Zur Kenntnis der Gattung *Walckenaeria* Blackwall 1833 besonderer Berücksichtigung der europäischen Subgenera und Arten (Arachnida: Araneae: Linyphiidae). *Zool. Beitr.*, **18** (3): 371-427.

APPENDIX

Register of discoveries documented in literature. **EX** - Extinct, **CR** - Critically Endangered, **EN** - Endangered, **VU** - Vulnerable, **LR** - (**nt**) Near Threatened, **LR (lc)** - Least Concern, **DD** - Data Deficient, **NE** - Not Evaluated; **H** - High Tatra, **W** - Western Tatra, **B** - Belianske Tatras

Families	Species	Number of GM units in Slovakia			Data
		Red list	GM unit		
Agelenidae			74		
	<i>Agelena labyrinthica</i> (Clerck, 1757)	NE	50	H	Kulczyński 1882b; Kulczyński 1881; W Herman 1879;
	<i>Histopona torpida</i> (C.L.Koch, 1834)	NE	35	H	Kulczyński 1882b; Kulczyński 1881;
	<i>Tegenaria campestris</i> (C.L.Koch, 1834)	NE	20	H	Nowicki 1870; Koch 1870; W Herman 1879;
	<i>Tegenaria domestica</i> (Clerck, 1757)	NE	43	H	Kulczyński 1882b;
	<i>Tegenaria ferruginea</i> (Panzer, 1804)	NE	39	H	Nowicki 1867; Miller 1974; Kulczyński 1882b; W Miller 1974;
	<i>Tegenaria silvestris</i> (L. Koch, 1872)	NE	43	H	Miller 1974; Kulczyński 1882b; Kulczyński 1881; W Gajdoš unpublished; Gajdoš 1993a;
Amaurobiidae			82		
	<i>Amaurobius fenestralis</i> (Stroem, 1786)	NE	46	H	Wajgiel 1874; Svatoň 1983a; Nowicki 1870; Koch 1870; W Gajdoš unpublished; Svatoň 1983a; Nowicki 1870; Miller 1974; Koch 1870;
	<i>Callobius claustrarius</i> (Hahn, 1833)	NE	44	H	Chyzer and Kulczyński 1891; W Pridavka unpublished; Gajdoš unpublished; Gajdoš 1993a;
	<i>Coelotes atropos</i> (Walckenaer, 1830)	NE	49	B	Buchar unpublished;
				H	Buchar unpublished; Kulczyński 1876; Wajgiel 1874; Svatoň 1983a; Nowicki 1870; Miller 1974; Kulczyński 1882b; Kulczyński 1881; Koch 1870; Chyzer and Kulczyński 1897; W Pridavka unpublished; Gajdoš unpublished; Kulczyński 1881; Gajdoš 1993a; Buchar 1999;
	<i>Coelotes inermis</i> (L. Koch, 1855)	NE	44	W	Gajdoš unpublished; Gajdoš 1993a;
	<i>Coelotes terrestris</i> (Wilder, 1834)	NE	37	H	Svatoň 1983a; Nowicki 1867; Nowicki 1868; W Miller 1974; Chyzer and Kulczyński 1897; Svatoň unpublished; Gajdoš unpublished; Nowicki 1868; Gajdoš 1993a;
Araneidae			63		
	<i>Aculepeira ceropegia</i> (Walckenaer, 1802)	NE	48	H	Wajgiel 1867; Wajgiel 1874; Svatoň 1983a; Nowicki 1867; Nowicki 1870; Kulczyński 1881; W Koch 1870; Chyzer and Kulczyński 1891; Baum 1930; Gajdoš 1993a; Kůrka 2004; Chyzer and Kulczyński 1899; Chyzer and Kulczyński 1891;
	<i>Araneus alsine</i> (Walckenaer, 1802)	NE	28	H	Chyzer and Kulczyński 1891;
	<i>Araneus angulatus</i> (Clerck, 1757)	NE	27	H	Chyzer and Kulczyński 1891;
	<i>Araneus diadematus</i> (Clerck, 1757)	NE	62	H	Wajgiel 1874; Wajgiel 1867; Nowicki 1870; Nowicki 1867; Kulczyński 1881; W Chyzer and Kulczyński 1891; Gajdoš unpublished; Svatoň 1983a; Kulczyński 1881;
	<i>Araneus marmoreus</i> (Clerck, 1757)	NE	53	H	Kulczyński 1881; Chyzer and Kulczyński 1891; W Baum 1930; Pridavka unpublished; Kulczyński 1881;
	<i>Araneus nordmanni</i> (Thorell, 1870)	CR	2	W	Pridavka unpublished;
	<i>Araneus quadratus</i> (Clerck, 1757)	NE	45	H	Chyzer and Kulczyński 1891;
	<i>Araneus sturmi</i> (Hahn, 1831)	NE	38	H	Chyzer and Kulczyński 1891; W Pridavka unpublished;
	<i>Araniella alpica</i> (L. Koch, 1869)	NE	32	B	Kůrka 2004;
				H	Svatoň 1983a; Kulczyński 1882b; Kulczyński 1881; W Chyzer and Kulczyński 1891; Gajdoš 1993a;
	<i>Araniella cucurbitina</i> (Clerck, 1757)	NE	57	B	Kůrka 2004;
				H	Wajgiel 1874; Wajgiel 1867; Svatoň 1983a; Nowicki 1870; Nowicki 1867; W Chyzer and Kulczyński 1891;
	<i>Cyclosa conica</i> (Pallas, 1772)	NE	50	H	Wajgiel 1874; Nowicki 1874;
				W	Pridavka unpublished;
	<i>Larinioides patagiatus</i> (Clerck, 1757)	NE	34	H	Wajgiel 1874; Wajgiel 1867; Nowicki 1867; Kulczyński 1882b; Kasal 1981; W Chyzer and Kulczyński 1891;
				W	Kulczyński 1881;
	<i>Larinioides sclopetarius</i> (Clerck, 1757)	NE	33	H	Wajgiel 1874; Nowicki 1870; Kulczyński 1882b; Koch 1870;

<i>Nuctenea umbratica</i> (Clerck, 1757)	NE	36	H	Nowicki 1867;
<i>Zygiella montana</i> (C.L.Koch, 1839)	NE	19	H	Kulczyński 1882b; Buchar unpublished; Wajgiel 1874; Wajgiel 1867; Svatoň 1983a; Nowicki 1870; Nowicki 1867; Miller 1974; Kulczyński 1881; Koch 1870; Herman 1879; Herman 1876; Chyzer and Kulczyński 1891; Gajdoš unpublished;
			W	
Clubionidae		89		
<i>Cheiracanthium virescens</i> (Sundevall, 1833)	NE	17	H	Nowicki 1867;
<i>Clubiona alpicola</i> (Kulczyński, 1882)	NE	12	H	Buchar unpublished; Buchar 1999; Svatoň 1983a; Miller 1974; Kůrka 1996; Kulczyński 1882b; Kulczyński 1882a; Kulczyński 1881; Chyzer and Kulczyński 1897; Gajdoš unpublished; Miller 1974; Kulczyński 1882b; Kulczyński 1882a; Kulczyński 1881; Gajdoš 1993a; Chyzer and Kulczyński 1897; Wajgiel 1874; Nowicki 1870; Kůrka 1996; Koch 1870;
<i>Clubiona diversa</i> (O.P.-Cambridge, 1862)	NE	23	H	
<i>Clubiona frisia</i> (Wunderlich and Schuett, 1995)	NE	12	W	Svatoň 1983b; Svatoň 1983a;
<i>Clubiona frutetorum</i> (L.Koch, 1866)	NE	14	H	Buchar unpublished; Wajgiel 1874; Nowicki 1870; Koch 1870; Baum 1930;
<i>Clubiona germanica</i> (Thorell, 1870)	NE	22	H	Chyzer and Kulczyński 1897;
<i>Clubiona pallidula</i> (Clerck, 1757)	NE	43	H	Nowicki 1867; Chyzer and Kulczyński 1897;
<i>Clubiona reclusa</i> (O.P.-Cambridge, 1863)	NE	25	H	Kůrka 1996; Kulczyński 1882b; Kulczyński 1881; Kolosváry 1937b; Svatoň 1983a; Gajdoš 1993a;
<i>Clubiona subsultans</i> (Thotell, 1875)	NE	17	H	Kůrka 1996; Kulczyński 1882b; Kulczyński 1881;
<i>Clubiona terrestris</i> (Westring, 1851)	NE	22	W	Gajdoš unpublished;
<i>Clubiona trivialis</i> (L.C.Koch, 1843)	NE	31	H	Kulczyński 1882b; Kulczyński 1881; Chyzer and Kulczyński 1897;
Cybaeidae		75		
<i>Cybaeus angustiarum</i> (L.Koch, 1868)	NE	41	H	Svatoň 1983a; Proszynski and Starega 1971; Miller 1974; Kulczyński 1881;
			W	Gajdoš unpublished; Gajdoš 1993a;
Dictynidae		81		
<i>Cicurina cicur</i> (Fabricius, 1793)	NE	40	H	Wajgiel 1874; Nowicki 1870; Miller 1974; Kulczyński 1882b; Koch 1870; Chyzer and Kulczyński 1899; Chyzer and Kulczyński 1897;
<i>Dictyna arundinacea</i> (Linnaeus, 1758)	NE	41	H	Nowicki 1867;
<i>Nigma walckenaeri</i> (Roewer, 1951)	NE	20	H	Svatoň 1983a; Chyzer and Kulczyński 1891;
Gnaphosidae		100		
<i>Drassodes lapidosus</i> (Walckenaer, 1802)	NE	51	H	Wajgiel 1874; Wajgiel 1868; Nowicki 1868; Koch 1870;
			W	Gajdoš unpublished; Nowicki 1868;
<i>Drassodes pubescens</i> (Thorell, 1856)	NE	45	H	Svatoň 1983a; Kůrka 1994; Kulczyński 1882b; Kulczyński 1881; Chyzer and Kulczyński 1899; Chyzer and Kulczyński 1897;
			W	Gajdoš unpublished; Gajdoš 1993a;
<i>Gnaphosa montana</i> (L.Koch, 1866)	LR (nt)	12	H	Miller 1974; Kulczyński 1882b; Kulczyński 1881;
<i>Gnaphosa muscorum</i> (L.Koch, 1866)	EN	6	H	Svatoň 1983a; Svatoň 1981;
<i>Haplodrassus signifer</i> (L.C.Koch, 1839)	NE	40	H	Kůrka 1994; Kulczyński 1882b; Kulczyński 1881;
			W	Gajdoš unpublished; Gajdoš 1993a;
<i>Micaria pulicaria</i> (Sundevall, 1832)	NE	22	W	Gajdoš 1993a;
<i>Micaria silesiaca</i> (L.Koch, 1875)	LR (nt)	11	H	Miller 1974; Miller 1971; Kulczyński 1882b; Kulczyński 1882a; Kulczyński 1881; Chyzer and Kulczyński 1899; Chyzer and Kulczyński 1897;
<i>Scotophaeus quadripunctatus</i> (Linnaeus, 1758)	NE	14	H	Wajgiel 1874; Wajgiel 1868; Nowicki 1868;
			W	Nowicki 1868;
<i>Zelotes apricorum</i> (L.Koch, 1876)	NE	31	H	Svatoň 1983a;
<i>Zelotes latreillei</i> (Simon, 1878)	NE	33	H	Kulczyński 1882b; Kulczyński 1881; Chyzer and Kulczyński 1899; Chyzer and Kulczyński 1897;
<i>Zelotes subterraneus</i> (L.C.Koch, 1833)	NE	27	H	Wajgiel 1874; Wajgiel 1868; Svatoň 1983a; Nowicki 1870; Nowicki 1868; Kůrka 1994; Kulczyński 1881; Koch 1870; Chyzer and Kulczyński 1897;
			W	Svatoň; Gajdoš; Svatoň 1983a; Nowicki 1868; Gajdoš 1993a;
Hahniidae		80		
<i>Cryphoeca carpathica</i> (Herman, 1879)	NE	5	B	Thaler 1980;
			H	Gajdoš unpublished; Wajgiel 1874; Thaler 1980; Svatoň 1983a;

					Nowicki 1870; Miller 1974; Kulczyński 1881; Koch 1870;
				W	Chyzer and Kulczyński 1897;
					Gajdoš unpublished; Franc and Hanzelová; Svatoň 1983a;
					Kulczyński 1881; Gajdoš 1993a;
<i>Cryphoea silvicola</i> (L.C.Koch, 1834)	NE	32	W		Gajdoš 1993a;
<i>Hahnna difficilis</i> (Harm, 1966)	VU	4	H		Miller 1974;
			W		Svatoň 1983b; Svatoň 1983a; Gajdoš 1993b;
					Gajdoš 1993a;
<i>Hahnna montana</i> (Blackwall, 1841)	VU	5	H		Buchar unpublished; Svatoň 1983b; Svatoň 1983a;
			W		Miller 1974;
<i>Hahnna nava</i> (Blackwall, 1841)	NE	29	W		Gajdoš 1993a;
<i>Hahnna pusilla</i> (C.L.Koch, 1841)	NE	21	H		Chyzer and Kulczyński 1899; Chyzer and
					Kulczyński 1897;
Heteropodidae		103			
<i>Micrommata virescens</i> (Clerck, 1757)	NE	48	H		Wajgiel 1874; Wajgiel 1867; Svatoň 1983a;
Linyphiidae		61			Nowicki 1867; Kulczyński 1882b; Kulczyński 1881;
<i>Abaco proeces tatricus</i> sp. n.	NE	1	H		Svatoň unpublished;
<i>Agyneta conigera</i> (O.P.-Cambridge, 1863)	EN	5	H		Miller 1974;
<i>Agyneta ramosa</i> (Jackson, 1912)	EN	6	H		Svatoň 1983a; Miller 1974;
<i>Aphileta misera</i> (O.P.-Cambridge, 1882)	EN	3	H		Svatoň 1983a;
<i>Asthenargus paganus</i> (Simon, 1884)	LR (nt)	10	H		Svatoň 1983b;
<i>Bathypantes nigrinus</i> (Westring, 1851)	NE	38	W		Gajdoš 1993a;
<i>Bolyphantes alticeps</i> (Sundewall, 1833)	NE	29	H		Buchar unpublished; Buchar 1999; Svatoň 1983a;
					Miller 1974;
					Kulczyński 1882b; Herman 1879; Kulczyński 1881;
<i>Bolyphantes luteolus</i> (Blackwall, 1833)	NE	15	W		Gajdoš 1993a;
			H		Svatoň 1983a; Kulczyński 1882b; Kulczyński 1881;
			W		Pridavka unpublished; Gajdoš unpublished; Svatoň
					1983a; Gajdoš 1993a;
<i>Centromerita bicolor</i> (Blackwall, 1833)	NE	12	H		Svatoň 1983a;
			W		Gajdoš unpublished; Gajdoš 1993a;
<i>Centromerita concinna</i> (Thorell, 1875)	EN	3	W		Gajdoš 1993b; Gajdoš 1993a;
<i>Centromerus arcanus</i> (O.P.-Cambridge, 1873)	NE	17	H		Svatoň 1983a; Miller 1974; Chyzer and Kulczyński
					1899;
			W		Chyzer and Kulczyński 1894;
<i>Centromerus incilium</i> (L.Koch, 1881)	NE	19	W		Gajdoš unpublished; Gajdoš 1993a;
<i>Centromerus pabulator</i> (O.P.-Cambridge, 1875)	NE	9	H		Gajdoš 1993a;
			W		Svatoň 1983a; Miller 1974; Kulczyński 1881;
<i>Centromerus sellarius</i> (Simon, 1884)	NE	15	H		Gajdoš unpublished; Svatoň 1983a; Gajdoš 1993a;
<i>Centromerus silvicola</i> (Kulczyński, 1887)	NE	9	H		Miller 1958; Miller 1974;
<i>Centromerus sylvaticus</i> (Blackwall, 1841)	NE	38	H		Svatoň 1983a;
					Miller 1974; Miller 1958;
					Kulczyński 1881; Chyzer and Kulczyński 1894;
<i>Ceratinella brevipes</i> (Westring, 1851)	NE	13	W		Gajdoš unpublished; Gajdoš 1993a;
<i>Ceratinella brevis</i> (Wider, 1834)	NE	34	H		Miller 1974;
<i>Cnephalocotes obscurus</i> (Blackwall, 1834)	NE	12	W		Gajdoš; Gajdoš 1993a;
			H		Miller 1974; Kulczyński 1882b;
			W		Gajdoš unpublished; Gajdoš 1993a;
<i>Dicymbium tibiale</i> (Blackwall, 1836)	NE	24	H		Svatoň 1983a;
			W		Gajdoš 1993a;
<i>Diplocentaria rectangulata</i> (Emerton, 1915)	EN	2	H		Svatoň 1983a; Svatoň 1983b; Miller 1974;
			W		Svatoň 1983b; Miller 1974; Miller and Kratochvíl
<i>Diplocephalus cristatus</i> (Blackwall, 1833)	NE	39	H		1939;
					Svatoň 1983a; Miller 1974; Chyzer and Kulczyński
					1882;
			W		Kulczyński 1881; Kulczyński 1894;
<i>Diplocephalus helleri</i> (L.Koch, 1869)	EN		H		Gajdoš unpublished; Kulczyński 1881; Gajdoš
					1993a;
			W		Svatoň 1983a; Miller 1974; Kulczyński 1882b;
					Kulczyński 1882a; Kulczyński 1881;
			W		Chyzer and Kulczyński 1894; Balogh 1940;
					Miller 1974; Kulczyński 1882b; Kulczyński 1882a;
					Kulczyński 1881; Gajdoš 1993b; Gajdoš 1993a;
					Chyzer and Kulczyński 1894;
<i>Diplocephalus latifrons</i> (O.P.-Cambridge, 1863)	NE	33	H		Svatoň 1983a; Miller 1974; Kulczyński 1881;
			W		Gajdoš unpublished; Svatoň 1983a; Kulczyński
<i>Diplostyla concolor</i> (Wider, 1834)	NE	47	H		1881; Gajdoš 1993a;
<i>Dismodicus bifrons</i> (Blackwall, 1841)	NE	17	W		Chyzer and Kulczyński 1894;
<i>Drapetisca socialis</i> (Sundevall, 1833)	NE	27	H		Gajdoš unpublished;
<i>Erigone atra</i> (Blackwall, 1833)	NE	45	H		Svatoň 1983a; Miller 1974;
					Svatoň 1983a; Kulczyński 1882b; Kulczyński 1881;
					Chyzer and Kulczyński 1894;

						W	Gajdoš unpublished; Kulczyński 1881; Gajdoš 1993a;
<i>Erigone cristatopalpus</i> (Simon, 1884)	EN	3	H				Kulczyński 1894;
						W	Svatoň 1983a; Miller 1974;
<i>Erigone dentipalpis</i> (Wider, 1834)	NE	54	H				Miller 1971; Miller 1974;
						W	Chyzer and Kulczyński 1894; Kulczyński 1881;
						W	Kulczyński 1882b; Svatoň 1983a;
<i>Erigone tirolensis</i> (L. Koch, 1872)	VU	2	H				Gajdoš 1993a;
						W	Miller 1974; Chyzer and Kulczyński 1894;
						W	Miller 1974;
<i>Erigonella hiemalis</i> (Blackwall, 1841)	LR (nt)	8	H				Miller 1974;
<i>Erigonella subelevata</i> (L. Koch, 1869)	EX	1	W				Chyzer and Kulczyński 1899;
							Chyzer and Kulczyński 1894;
<i>Evansia merens</i> (O.P.-Cambridge, 1900)	VU	5	H				Svatoň 1983a;
<i>Glyphesis servulus</i> (Simon, 1881)	CR	2	H				Miller 1974;
<i>Gnathonarium dentatum</i> (Wider, 1834)	NE	21	H				Svatoň 1983a;
<i>Gonatium paradoxum</i> (L. Koch, 1869)	NE	24	H				Svatoň 1983a; Proszynski and Starega 1971;
<i>Gonatium rubellum</i> (Blackwall, 1841)	NE	26	H				Svatoň 1983a;
						W	Gajdoš unpublished; Gajdoš 1993a;
<i>Gongylidiellum vivum</i> (O.P.-Cambridge, 1875)	VU	5	H				Miller 1974;
						W	Gajdoš 1993a;
<i>Hilaira excisa</i> (O.P.-Cambridge, 1871)	VU	5	H				Svatoň 1983a; Miller 1974; Chyzer and Kulczyński 1894;
<i>Hilaira montigena</i> (Koch, 1872)	CR	1	H				Miller 1974; Gajdoš and Svatoň 1993;
							Chyzer and Kulczyński 1899; Chyzer and Kulczyński 1894;
<i>Hilaira tatraca</i> (Kulczyński, 1915)	CR	2	H				Miller 1974;
						W	Kulczyński 1915;
<i>Kaestneria torrentum</i> (Kulczyński, 1881)	NE	13	H				Svatoň 1983a; Miller 1974; Kulczyński 1882b;
							Kulczyński 1882a; Kulczyński 1881;
							Kratochvil and Miller 1947; Chyzer and Kulczyński 1894;
						W	Gajdoš unpublished;
<i>Labulla thoracica</i> (Wider, 1834)	LR (nt)	6	H				Wajgiel 1874; Svatoň 1983a; Nowicki 1870;
							Miller 1974; Koch 1870;
<i>Lepthyphantes alacris</i> (Blackwall, 1853)	NE	22	H				Svatoň 1983a; Kulczyński 1881;
						W	Chyzer and Kulczyński 1894;
						W	Gajdoš unpublished; Gajdoš 1993a;
<i>Lepthyphantes alutacius</i> (Simon, 1884)	NE	18	W				Gajdoš 1993a;
<i>Lepthyphantes annulatus</i> (Kulczyński, 1881)	VU	3	H				Svatoň 1983a; Miller 1974; Kulczyński 1882b;
							Kulczyński 1881; Chyzer and Kulczyński 1899;
							Chyzer and Kulczyński 1894;
						W	Gajdoš unpublished; Kulczyński 1882b; Kulczyński 1881;
<i>Lepthyphantes antroniensis</i> (Shenkel, 1933)	EN	1	H				Chyzer and Kulczyński 1894;
<i>Lepthyphantes arciger</i> (Kulczyński, 1882)	NE	5	H				Svatoň 1983b; Svatoň 1983a; Miller 1974; Miller 1971;
							Svatoň 1983a; Miller 1974; Kulczyński 1882b;
							Kulczyński 1882a; Kulczyński 1881;
							Chyzer and Kulczyński 1899; Chyzer and Kulczyński 1894;
						W	Gajdoš unpublished; Gajdoš 1993a;
<i>Lepthyphantes cristatus</i> (Menge, 1866)	NE	33	H				Svatoň 1983a; Kulczyński 1882b;
<i>Lepthyphantes expunctus</i> (O.P.-Cambridge, 1875)	LR (lc)	8					Svatoň 1983a; Miller 1974; Kulczyński 1881;
							Svatoň 1983a; Miller 1974; Gajdoš 1993b;
							Gajdoš 1993a;
<i>Lepthyphantes flavipes</i> (Blackwall, 1854)	NE	41	H				Svatoň 1983a; Proszynski and Starega 1971;
<i>Lepthyphantes insignis</i> (O.P.-Cambridge, 1913)	NE	15	H				Svatoň 1983b; Svatoň 1983a;
<i>Lepthyphantes leprosus</i> (Ohlert, 1865)	NE	34	H				Kulczyński 1882b; Kulczyński 1881;
<i>Lepthyphantes monticola</i> (Kulczyński, 1881)	LR (nt)	4	B				Kulczyński 1882b; Kulczyński 1881;
							Chyzer and Kulczyński 1894;
						H	Svatoň 1983a; Miller 1974; Kulczyński 1882b;
							Kulczyński 1881; Chyzer and Kulczyński 1894;
						W	Gajdoš unpublished; Miller 1974; Gajdoš 1993a;
<i>Lepthyphantes mughi</i> (Fickert, 1875)	NE	18	H				Svatoň 1983a; Miller 1974; Kulczyński 1881;
							Herman 1879; Herman 1876; Chyzer and Kulczyński 1894;
						W	Gajdoš unpublished; Svatoň 1983a; Gajdoš 1993a;
<i>Lepthyphantes nodifer</i> (Simon, 1884)	LR (lc)	10	W				Gajdoš unpublished;
<i>Lepthyphantes obscurus</i> (Blackwall, 1841)	NE	15	B				Chyzer and Kulczyński 1899;

				H	Svatoň 1983a;
				W	Pridavka unpublished;
<i>Lepthyphantes pallidus</i> (O.P.- Cambridge, 1871)	NE	18		H	Miller 1934; Miller 1974; Kulczyński 1882b;
					Kulczyński 1881; Chyzer and Kulczyński 1894;
				W	Gajdoš unpublished;
<i>Lepthyphantes pulcher</i> (Kulczyński, 1881)	NE	11		H	Kratochvíl 1932; Svatoň 1983a; Miller 1974;
					Kulczyński 1882b; Kulczyński 1881;
					Chyzer and Kulczyński 1894;
				W	Svatoň unpublished; Gajdoš unpublished; Miller 1974; Gajdoš 1993b;
					Gajdoš 1993a;
<i>Lepthyphantes tenebricola</i> (Wider, 1834)	NE	47		H	Svatoň 1983a; Kulczyński 1881;
				W	Chyzer and Kulczyński 1894;
					Gajdoš unpublished; Gajdoš 1993a;
<i>Lepthyphantes varians</i> (Kulczyński, 1882)	LR (nt)	3		H	Svatoň 1983a; Miller 1974; Kulczyński 1882b;
					Kulczyński 1882a; Kulczyński 1881;
					Chyzer and Kulczyński 1894;
				W	Gajdoš unpublished; Franc and Hanzelová; Miller 1974;
					Kulczyński 1882b; Kulczyński 1882a; Kulczyński 1881;
					Gajdoš 1993b; Gajdoš 1993a; Chyzer and Kulczyński 1894;
<i>Leptorhoptum robustum</i> (Westring, 1851)	NE	19		H	Miller 1974; Kulczyński 1881;
					Chyzer and Kulczyński 1894;
				W	Gajdoš unpublished; Kulczyński 1881; Gajdoš 1993a;
					Chyzer and Kulczyński 1894;
<i>Linyphia triangularis</i> (Clerck, 1757)	NE	65		H	Svatoň unpublished; Wajgiel 1874; Wajgiel 1868;
					Nowicki 1870;
					Nowicki 1868; Kulczyński 1882b;
				W	Nowicki 1868; Herman 1879;
<i>Lophomma punctatum</i> (Blackwall, 1841)	VU	6		H	Svatoň 1983b; Svatoň 1983a;
<i>Macrargus rufus</i> (Wider, 1834)	NE	33		H	Kolosváry 1937b; Kulczyński 1882b;
<i>Maso sundevalli</i> (Westring, 1851)	NE	34		W	Gajdoš 1993a;
<i>Mecynargus longus</i> (Kulczyński, 1882)	VU	2		H	Miller 1974; Kulczyński 1882b; Kulczyński 1882a;
					Kulczyński 1881; Chyzer and Kulczyński 1899;
					Chyzer and Kulczyński 1894;
				W	Miller 1974;
<i>Mecynargus morulus</i> (O.P.- Cambridge, 1873)	EN	2		H	Miller 1966; Miller 1951; Miller 1974; Miller 1971;
					Miller 1958;
<i>Meioneta affinis</i> (Kulczyński, 1898)	NE	18		H	Svatoň 1983a;
<i>Meioneta fuscipalpis</i> (C.L. Koch, 1836)	NE	23		H	Svatoň 1983a;
<i>Meioneta gulosa</i> (L. Koch, 1869)	VU	1		W	Gajdoš 1993a;
<i>Meioneta nurestris</i> (C.L. Koch, 1836)	NE	53		H	Svatoň 1983a; Kulczyński 1881;
				W	Gajdoš unpublished; Kulczyński 1881; Gajdoš 1993a;
<i>Micrargus georgescuae</i> (Millidge, 1976)	DD	4		W	Gajdoš unpublished;
<i>Micrargus herbigradus</i> (Blackwall, 1854)	NE	43		H	Nowicki 1874; Svatoň 1983a; Kulczyński 1882b;
					Kulczyński 1881;
				W	Pridavka unpublished; Gajdoš unpublished; Svatoň 1983a; Gajdoš 1993a;
<i>Microlinyphia pusilla</i> (Sundevall, 1830)	NE	45		W	Gajdoš unpublished; Svatoň 1983a; Gajdoš 1993a;
<i>Microneta viaria</i> (Blackwall, 1841)	NE	44		W	Gajdoš 1993a;
<i>Minyriolus pusillus</i> (Wider, 1834)	NE	10		H	Proszynski and Starega 1971;
				W	Gajdoš 1993a;
<i>Neriene montana</i> (Clerck, 1757)	NE	43		H	Chyzer and Kulczyński 1894; Miller 1974; Nowicki 1867;
<i>Neriene peltata</i> (Wider, 1834)	NE	45		H	Koch 1870; Nowicki 1870; Wajgiel 1874;
<i>Neriene radiata</i> (Walckenaer, 1841)	NE	38		B	Chyzer and Kulczyński 1894;
				H	Proszynski and Starega 1971; Chyzer and Kulczyński 1894;
<i>Notioscopus sarcinatus</i> (O.P.- Cambridge, 1872)	LR (nt)	9		H	Miller 1974;
<i>Oedothorax agrestis</i> (Blackwall, 1853)	NE	32		H	Miller 1974;
				W	Gajdoš 1993a;
<i>Oedothorax apicatus</i> (Blackwall, 1850)	NE	46		H	Svatoň 1983a; Kulczyński 1882b; Kulczyński 1881;
					Chyzer and Kulczyński 1899; Chyzer and Kulczyński 1894;
<i>Oedothorax gibbifer</i> (Kulczyński, 1882)	NE	14		H	Miller 1974;
				W	Gajdoš unpublished; Gajdoš 1993a;
<i>Oedothorax gibbosus</i> (Blackwall, 1841)	NE	25		H	Svatoň 1983a;
<i>Oedothorax retusus</i> (Westring, 1851)	NE	25		W	Gajdoš unpublished; Gajdoš 1993a;
<i>Oreonetides glacialis</i> (L. Koch, 1872)	VU	2		H	Svatoň 1983a; Miller 1974; Kulczyński 1882b;
					Kulczyński 1882a; Chyzer and Kulczyński 1894;
				W	Miller 1974;

<i>Oreonetides vaginatus</i> (Thorell, 1872)	VU	2	H	Svatoň 1983a; Miller 1974; Chyzer and Kulczyński 1894;
			W	Miller 1974; Chyzer and Kulczyński 1894;
<i>Ostearius melanopygius</i> (O.P.- Cambridge, 1879)	NE	12	W	Gajdoš unpublished;
<i>Panamomops palmgreni</i> (Thaler, 1973)	EN	2	B	Miller and Kratochvíl 1940; Kasal 1981;
<i>Pelecopsis elongata</i> (Wider, 1834)	NE	16	H	Gajdoš unpublished; Gajdoš 1993a; Svatoň 1983a; Kulczyński 1882b; Kulczyński 1881; Chyzer and Kulczyński 1894;
<i>Pelecopsis parallela</i> (Wider, 1834)	LR (nt)	8	H	Miller 1974;
<i>Pelecopsis radicola</i> (L. Koch, 1872)	NE	18	H	Buchar 1972;
<i>Pityohyphantes phrygianus</i> (C.L.Koch, 1836)	NE	29	H	Gajdoš 1993a; Gajdoš unpublished; Wajgiel 1874; Svatoň 1983a; Nowicki 1870; Miller 1974; Kulczyński 1881; Koch 1870; Chyzer and Kulczyński 1894; Svatoň 1983a; Gajdoš 1993a;
<i>Poeciloneura variegata</i> (Blackwall, 1841)	LR (lc)	12	H	Svatoň 1983a; Miller 1974; Kulczyński 1881; Chyzer and Kulczyński 1899; Chyzer and Kulczyński 1894; Gajdoš 1993a;
<i>Porrhomma convexum</i> (Westring, 1851)	NE	8	H	Svatoň 1983a; Miller 1974;
<i>Porrhomma egeria</i> (Simon, 1884)	NE	8	H	Kratochvíl and Miller 1947; Chyzer and Kulczyński 1897; Kulczyński 1882b; Miller 1974; Svatoň 1983a; Miller and Kratochvíl 1940; Miller and Kratochvíl 1940; Chyzer and Kulczyński 1897; Gajdoš unpublished; Miller 1974; Kulczyński 1882b;
<i>Porrhomma microphthalmum</i> (O.P.- Cambridge, 1871)	NE	31	H	Kulczyński 1882b; Kulczyński 1882a; Kulczyński 1881; Miller and Kratochvíl 1940; Kulczyński 1882b; Kulczyński 1882a; Kulczyński 1881;
<i>Porrhomma myops</i> Simon, 1884	VU	4	W	Franc and Hanzelová 1997;
<i>Porrhomma pallidum</i> (Jackson, 1913)	VU	5	W	Gajdoš unpublished; Miller and Kratochvíl 1940; Miller 1974;
<i>Porrhomma pygmaeum</i> (Blackwall, 1834)	NE	26	H	Miller 1951; Kocian et al. 1973;
			W	Svatoň 1983a; Gajdoš unpublished;
<i>Saloca kulczyński</i> (Miller and Kratochvíl, 1939)	LR (lc)	15	H	Svatoň 1983a;
			W	Miller and Kratochvíl 1939; Gajdoš 1993b; Gajdoš 1993a;
<i>Scotinotylus antennatus</i> (O.P.- Cambridge, 1875)	LR (nt)	3	B	Buchar unpublished;
			H	Svatoň 1983a; Miller 1974; Kulczyński 1882b; Kulczyński 1882a; Kulczyński 1881; Kratochvíl 1932; Chyzer and Kulczyński 1894; Gajdoš unpublished; Buchar 1999; Miller 1974;
			W	Kulczyński 1882b; Kulczyński 1882a; Kulczyński 1881; Gajdoš 1993b; Gajdoš 1993a; Chyzer and Kulczyński 1894;
<i>Sintula corniger</i> (Blackwall, 1856)	NE	14	H	Miller 1974;
<i>Sisicus apertus</i> (Holm, 1939)	VU	2	H	Miller 1974;
<i>Stemonyphantes lineatus</i> (Linnaeus, 1758)	NE	27	H	Svatoň 1983a;
<i>Tallusia experta</i> (O.P.-Cambridge, 1871)	NE	16	H	Miller 1974;
<i>Tapinocyba affinis</i> (Lessert, 1907)	NE	8	H	Svatoň 1983a; Miller 1974;
<i>Tapinocyba insecta</i> (L. Koch, 1869)	NE	28	B	Chyzer and Kulczyński 1899; Chyzer and Kulczyński 1894;
			H	Proszynski and Starega 1971;
<i>Taranucnus bihari</i> (Fage, 1931)	EN	4	H	Svatoň 1983b;
<i>Tiso aestivus</i> (L. Koch, 1872)	EN	1	H	Buchar; Buchar 1999; Miller 1974; Kulczyński 1882b; Kulczyński 1881; Kratochvíl 1932; Chyzer and Kulczyński 1899; Chyzer and Kulczyński 1894;
<i>Walckenaeria acuminata</i> Blackwall, 1833	LR (lc)	11	H	Proszynski and Starega 1971; Miller 1974; Chyzer and Kulczyński 1899; Chyzer and Kulczyński 1894;
<i>Walckenaeria antica</i> (Wider, 1834)	NE	40	H	Svatoň 1983a; Kulczyński 1882b; Kulczyński 1882a; Kulczyński 1881; Balogh and Loksa 1946; Gajdoš unpublished; Kulczyński 1882b; Kulczyński 1882a;
			W	Kulczyński 1881; Gajdoš 1993a; Balogh and Loksa 1946;
<i>Walckenaeria atrotibialis</i> (O.P.- Cambridge, 1878)	NE	21	H	Svatoň 1983a; Miller 1974; Miller 1934; Chyzer and Kulczyński 1899; Chyzer and Kulczyński 1894;

<i>Walckenaeria capito</i> (Westring, 1861)	NE	10	H	Svatoň 1983a;
<i>Walckenaeria cucullata</i> (C.L.Koch, 1836)	NE	24	H	Svatoň 1983a; Proszynski and Starega 1971; Miller 1974;
<i>Walckenaeria cuspidata</i> (Blackwall, 1833)	LR (lc)	6	H	Svatoň 1983a; Chyzer and Kulczyński 1894; Balogh 1940;
<i>Walckenaeria incisa</i> (O.P.-Cambridge, 1871)	EN	3	W	Gajdoš unpublished; Gajdoš 1993a;
<i>Walckenaeria mitrata</i> (Menge, 1868)	NE	15	H	Gajdoš 1993b; Gajdoš 1993a;
<i>Walckenaeria suspekta</i> (Kulczyński, 1882)	EN	2	H	Svatoň 1983a; Pridavka unpublished; Gajdoš 1993a;
			W	Wunderlich 1972; Svatoň 1983a; Miller 1974;
			W	Miller 1974; Chyzer and Kulczyński 1899; Chyzer and Kulczyński 1894;
Liocranidae		88		
<i>Liocranum ruficola</i> (Walckenaer, 1830)	NE	26	W	Gajdoš 1993a;
Lykosidae		64		
<i>Acantholycosa lignaria</i> (Clerck, 1757)	NE	17	H	Miller 1974;
<i>Alopecosa accentuata</i> (Latreille, 1817)	NE	42	H	Chyzer and Kulczyński 1891;
<i>Alopecosa aculeata</i> (Clerck, 1757)	NE	37	H	Svatoň 1983a; Kulczyński 1881;
<i>Alopecosa cuneata</i> (Clerck, 1757)	NE	47	H	Svatoň 1983a; Kulczyński 1881; Chyzer and Kulczyński 1891; Baum 1930; Gajdoš; Kulczyński 1881; Gajdoš 1993a;
<i>Alopecosa inquilina</i> (Clerck, 1757)	NE	25	H	Wajgiel 1874; Wajgiel 1868; Nowicki 1870; Nowicki 1868; Kulczyński 1882b; Koch 1870; Chyzer and Kulczyński 1891;
<i>Alopecosa pinetorum</i> (Thorell, 1856)	VU	6	B	Wajgiel 1867; Nowicki 1868; Nowicki 1867; Chyzer and Kulczyński 1897;
<i>Alopecosa pulverulenta</i> (Clerck, 1757)	NE	54	H	Buchar 1999;
<i>Alopecosa taeniata</i> (C.L.Koch, 1835)	DD	5	H	Buchar unpublished; Kratochvíl 1932;
<i>Arctosa cinerea</i> (Fabricius, 1777)	LR (lc)	15	H	Wajgiel 1874; Wajgiel 1868; Buchar unpublished; Nowicki 1868;
<i>Arctosa leopardus</i> (Sundevall, 1833)	NE	17	H	Kulczyński 1881; Chyzer and Kulczyński 1891; Pridavka unpublished; Gajdoš unpublished;
<i>Arctosa maculata</i> (Hahn, 1822)	NE	30	H	Wajgiel 1874; Wajgiel 1868; Buchar unpublished; Nowicki 1868; Gajdoš 1993a;
<i>Arctosa perita</i> (Latreille, 1799)	VU	8	B	Kürka 1998;
<i>Hogna radiata</i> (Latreille, 1817)	NE	18	H	Chyzer and Kulczyński 1899; Chyzer and Kulczyński 1891;
<i>Pardosa agrestis</i> (Westring, 1861)	NE	38	H	Kulczyński 1881;
<i>Pardosa agricola</i> (Thorell, 1856)	NE	23	H	Buchar unpublished; Kratochvíl 1932; Wajgiel 1874; Nowicki 1870; Kürka 1998;
<i>Pardosa albatula</i> (Roewer, 1951)	VU	5	H	Kulczyński 1882b; Kulczyński 1881; Koch 1870; Buchar unpublished; Proszynski and Starega 1971; Chyzer and Kulczyński 1899; Chyzer and Kulczyński 1891;
<i>Pardosa amentata</i> (Clerck, 1757)	NE	64	H	Wajgiel 1874; Svatoň 1983a; Nowicki 1870; Miller 1971; Koch 1871; Koch 1870; Buchar 1996;
<i>Pardosa ferruginea</i> (L.Koch, 1870)	LR	6	B	Wajgiel 1874; Svatoň 1983a; Nowicki 1870; Kürka 1998;
<i>Pardosa fulvipes</i> (Collett)	NE	1	H	Kulczyński 1882b; Kulczyński 1881; Koch 1870; Chyzer and Kulczyński 1891;
<i>Pardosa lugubris</i> (Walckenaer, 1802)	NE	62	B	Gajdoš; Kulczyński 1881; Gajdoš 1993a; Buchar 1999;
<i>Pardosa monticola</i> (Clerck, 1757)	NE	39	H	Buchar unpublished; Wajgiel 1874; Kulczyński 1881; Koch 1871; Koch 1870; Chyzer and Kulczyński 1891;
<i>Pardosa morosa</i> (L.Koch, 1870)	NE	18	H	Svatoň unpublished;
<i>Pardosa nigra</i> (C.L.Koch, 1834)	NE	6	H	Kronstedt 1999;
			H	Buchar 1999;
			H	Wajgiel 1874; Nowicki 1870; Kulczyński 1882b; Kulczyński 1881; Koch 1870; Baum 1930;
			H	Wajgiel 1874; Svatoň 1983a; Nowicki 1870; Nowicki 1869; Kürka 1998; Kulczyński 1882b; Kulczyński 1881; Koch 1870; Herman 1879; Gajdoš unpublished;
			H	Gajdoš 1993a;
			H	Wajgiel 1874; Nowicki 1870; Miller 1974; Kürka 1998;
			H	Kulczyński 1882b; Koch 1871; Koch 1870; Chyzer and Kulczyński 1899; Chyzer and Kulczyński 1891;
			W	Svatoň 1983a;
			H	Gajdoš unpublished; Buchar 1999; Buchar unpublished; Svatoň 1983a;
			H	Nowicki 1870; Nowicki 1869; Nowicki 1867; Miller 1974; Kürka 1998; Kulczyński 1882b;

					Kulczyński 1881; Kratochvíl 1932; Kolosváry 1937a; Koch 1870; Herman 1879; Dahl 1908; Chyzer and Kulczyński 1899; Chyzer and Kulczyński 1891; Svatoň unpublished; Pridavka unpublished; Gajdoš unpublished; Kúrka 1998; Kulczyński 1881; Gajdoš 1993a;
<i>Pardosa palustris</i> (Linnaeus, 1758)	NE	45	H	W	Nowicki 1870; Miller 1974; Kúrka 1998; Kolosváry 1937a; Koch 1870; Dahl 1908; Gajdoš unpublished; Gajdoš 1993a;
<i>Pardosa prativaga</i> (L. Koch, 1870)	NE	33	W	W	Gajdoš unpublished; Gajdoš 1993a;
<i>Pardosa pullata</i> (Clerck, 1757)	NE	47	B	B	Buchar 1999;
			H	H	Wajgiel 1874; Svatoň 1983a; Nowicki 1870; Nowicki 1869; Kulczyński 1881; Chyzer and Kulczyński 1899; Gajdoš unpublished; Kulczyński 1881; Gajdoš 1993a;
<i>Pardosa riparia</i> (C.L. Koch, 1833)	NE	32	B	B	Buchar 1999; Buchar unpublished; Miller 1974; Kulczyński 1882b; Kulczyński 1881; Chyzer and Kulczyński 1891;
<i>Pardosa saltuaria</i> (L. Koch, 1870)	NE	14	B	B	Buchar 1999; Buchar unpublished; Wajgiel 1874; Svatoň 1983a; Nowicki 1870; Nowicki 1869; Miller 1974; Kúrka 1998;
			H	H	Kulczyński 1881; Kratochvíl 1932; Kolosváry 1937a; Koch 1871; Koch 1870; Chyzer and Kulczyński 1891; Gajdoš unpublished; Svatoň 1983a; Kúrka 1998; Kulczyński 1881; Gajdoš 1993a;
<i>Pardosa sordidata</i> (Thorell, 1875)	LR (nt)	6	B	B	Buchar 1999;
			H	H	Buchar; Miller 1974; Chyzer and Kulczyński 1899; Chyzer and Kulczyński 1891; Vachold unpublished; Pridavka unpublished; Gajdoš unpublished; Kúrka 1998; Kulczyński 1909;
<i>Pardosa wagleri</i> (Hahn, 1822)	LR (lc)	15	H	W	Wajgiel 1874; Wajgiel 1868; Kulczyński 1882b; Nowicki 1868;
<i>Pirata hygrophilus</i> Thorell, 1872	NE	52	H	W	Buchar 1999; Buchar unpublished; Svatoň 1983a; Gajdoš 1993a;
<i>Pirata knorri</i> (Scopoli, 1763)	NE	23	H	H	Miller 1974; Kúrka 1998; Buchar 1999; Kulczyński 1882b; Svatoň 1983a;
<i>Pirata latitans</i> (Blackwall, 1841)	NE	42	H	W	Kulczyński 1882b;
<i>Pirata piraticus</i> (Clerck, 1757)	NE	31	H	H	Svatoň 1983a; Kulczyński 1882b; Gajdoš unpublished;
<i>Pirata piscatorius</i> (Clerck, 1757)	NE	15	H	W	Wajgiel 1874; Nowicki 1870; Koch 1870;
<i>Trochosa robusta</i> (Simon, 1876)	NE	32	H	H	Kúrka 1998;
<i>Trochosa ruricola</i> (De Geer, 1778)	NE	44	H	H	Svatoň 1983a; Kulczyński 1881;
<i>Trochosa spinipalpis</i> (F.O.P. - Cambridge, 1895)	NE	26	W	W	Pridavka unpublished;
<i>Trochosa terricola</i> Thorell, 1856	NE	54	H	W	Buchar unpublished; Chyzer and Kulczyński 1891; Gajdoš unpublished; Gajdoš 1993a; Svatoň 1983b; Svatoň 1983a; Proszynski and Starega 1971;
<i>Xerolycosa miniata</i> (L.C. Koch, 1834)	NE	24	H	H	Buchar 1999
<i>Xerolycosa nemoralis</i> (Westring, 1861)	NE	54	B	H	Buchar; Wajgiel 1874; Wajgiel 1867; Nowicki 1870; Nowicki 1867; Koch 1870; Chyzer and Kulczyński 1891;
			W	W	Gajdoš; Kulczyński 1881; Gajdoš 1993a; Chyzer and Kulczyński 1891;
Mimetidae		46			
<i>Ero furcata</i> (Villers, 1789)	NE	39	W	W	Gajdoš 1993a;
			H	H	Kulczyński 1881; Kulczyński 1882b;
Nesticidae		54			
<i>Nesticus cellulanus</i> (Clerck, 1757)	NE	22	H	H	Miller 1974;
Oxyopidae		67			
<i>Oxyopes ramosus</i> (Martini and Goeze, 1778)	NE	14	H	H	Chyzer and Kulczyński 1891;
Philodromidae		104			
<i>Philodromus aureolus</i> (Clerck, 1757)	NE	63	H	W	Svatoň 1983a; Kulczyński 1882b; Kulczyński 1881; Chyzer and Kulczyński 1899; Gajdoš unpublished;
<i>Philodromus collinus</i> (L.C. Koch 1835)	NE	39	H	H	Wajgiel 1874; Wajgiel 1868; Nowicki 1874; Nowicki 1868; Kúrka 1997; Kulczyński 1882b; Kulczyński 1881; Chyzer and Kulczyński 1891;
			W	W	Nowicki 1874; Nowicki 1868; Kulczyński 1881; Chyzer and Kulczyński 1891;
<i>Philodromus dispar</i> (Walckenaer, 1826)	NE	38	H	H	Wajgiel 1874; Svatoň 1983a; Nowicki 1870; Koch 1870;

<i>Philodromus emarginatus</i> (Schrank, 1803)	NE	21	H	Chyzer and Kulczyński 1891; Kulczyński 1882b; Gajdoš and Svatoň 1993;
<i>Philodromus margaritatus</i> (Clerck, 1757)	NE	27	H	Chyzer and Kulczyński 1891; Svatoň 1983a;
<i>Philodromus vagulus</i> (Simon, 1875)	NE	10	B H	Buchar 1999; Buchar unpublished; Svatoň 1983a; Kulczyński 1882b; Kulczyński 1881; Chyzer and Kulczyński 1899; Chyzer and Kulczyński 1891;
Pisauridae		66		
<i>Dolomedes fimbriatus</i> (Clerck, 1757)	NE	29	H W	Baum 1930; Kulczyński 1882b; Chyzer and Kulczyński 1899; Chyzer and Kulczyński 1891;
Salticidae		109		
<i>Dendryphantus nudis</i> (Sundevall, 1833)	NE	31	H	Kulczyński 1884;
<i>Euophrys frontalis</i> (Walckenaer, 1802)	NE	41	H W	Kulczyński 1884; Kulczyński 1881; Gajdoš unpublished;
<i>Evarcha falcata</i> (Clerck, 1757)	NE	61	H W	Wajgiel 1874; Nowicki 1870; Kulczyński 1884; Kulczyński 1882b; Koch 1870; Chyzer and Kulczyński 1891; Wajgiel 1874; Svatoň 1983a; Nowicki 1870; Kulczyński 1884; Kulczyński 1882b;
<i>Heliophanus flavipes</i> (Hahn, 1832)	NE	36	H	Proszynski and Starega 1971;
<i>Macaroeis nidicolens</i> (Walckenaer, 1802)	NE	27	H	Chyzer and Kulczyński 1891;
<i>Neon reticulatus</i> (Blackwall, 1853)	NE	38	H	Kulczyński 1884; Chyzer and Kulczyński 1891;
<i>Pseudeuophrys erratica</i> (Walckenaer, 1826)	LR (lc)	17	H	Kulczyński 1884; Chyzer and Kulczyński 1891;
<i>Pseudeuophrys obsoleta</i> (Simon, 1868)	NE	26	W	Gajdoš unpublished;
<i>Salticus cingulatus</i> (Panzer, 1797)	NE	20	H	Miller 1974;
<i>Salticus scenicus</i> (Clerck, 1757)	NE	48	B H W	Kulczyński 1884; Wajgiel 1874; Chyzer and Kulczyński 1891; Gajdoš;
<i>Sitticus floricola</i> (C.L. Koch, 1837)	NE	22	H W	Wajgiel 1868; Nowicki 1870; Nowicki 1868; Koch 1870; Gajdoš; Svatoň 1983a; Nowicki 1868;
<i>Sitticus rupicola</i> (C.L. Koch, 1837)	NE	32	B H W	Kůrka 2001; Svatoň 1983a; Miller 1974; Kulczyński 1884; Kulczyński 1881; Chyzer and Kulczyński 1891; Gajdoš unpublished; Svatoň 1983a; Kulczyński 1881; Gajdoš 1993a;
<i>Sitticus terebratus</i> (Clerck, 1757)	VU	5	H	Kulczyński 1882b;
<i>Talavera monticola</i> (Kulczyński, 1884)	VU	7	H W	Svatoň 1983a; Kulczyński 1884; Kůrka 2001; Gajdoš 1993a;
<i>Talavera petrensis</i> (C.L. Koch, 1837)	NE	13	H	Kulczyński 1882b; Kulczyński 1881;
Segestriidae		33		
<i>Segestria senoculata</i> (Linnaeus, 1758)	NE	24	W	Gajdoš unpublished;
Tetragnathidae		62		
<i>Meta menardi</i> (Latreille, 1804)	NE	24	H	Miller 1974;
<i>Metellina mengei</i> (Blackwall, 1869)	NE	47	H	Wajgiel 1874; Nowicki 1870; Kulczyński 1882b; Kulczyński 1881;
<i>Metellina merianae</i> (Scopoli, 1763)	NE	27	H	Svatoň 1983a; Chyzer and Kulczyński 1891;
<i>Metellina segmentata</i> (Clerck, 1757)	NE	59	H W	Wajgiel 1867; Svatoň 1983a; Nowicki 1867; Gajdoš unpublished; Svatoň 1983a;
<i>Tetragnatha extensa</i> (Linnaeus, 1758)	NE	44	H	Wajgiel 1874; Petruszewicz 1937; Nowicki 1870; Nowicki 1867; Koch 1871; Koch 1870; Chyzer and Kulczyński 1891;
<i>Tetragnatha montana</i> (Simon, 1874)	NE	39	H	Kulczyński 1882b; Kulczyński 1881;
Theridiidae		55		
<i>Achaearanea ohlerti</i> (Thorell, 1870)	VU	3	H	Svatoň 1983a; Kulczyński 1881; Kůrka 2003; Chyzer and Kulczyński 1899; Chyzer and Kulczyński 1894;
<i>Achaearanea riparia</i> (Blackwall, 1834)	NE	27	H	Kulczyński 1882b; Kulczyński 1881; Chyzer and Kulczyński 1894;
<i>Enoplognatha ovata</i> (Clerck, 1757)	NE	65	H H	Wajgiel 1874; Nowicki 1870; Kulczyński 1881; Kulczyński 1882b;
<i>Enoplognatha thoracica</i> (Hahn, 1833)	NE	38	H	Kulczyński 1882b;
<i>Episinus angulatus</i> (Blackwall, 1836)	NE	25	H	Proszynski and Starega 1971;
<i>Episinus truncatus</i> (Latreille, 1809)	NE	31	H	Buchar 1972;
<i>Euryopis flavomaculata</i> (C.L. Koch, 1836)	NE	29	H	Miller 1963; Kůrka 2003;
<i>Neottiura bimaculata</i> (Linnaeus, 1767)	VU	56	H	Kulczyński 1882b;
<i>Robertus scoticus</i> (Jackson, 1914)	EN	3	H	Miller 1967; Miller 1974; Kůrka 2003;
<i>Robertus truncorum</i> (L. Koch, 1872)	NE	14	H W	Svatoň 1983a; Miller 1974; Miller 1967; Kůrka 2003; Kulczyński 1881; Chyzer and Kulczyński 1899; Gajdoš unpublished; Miller 1967; Gajdoš 1993a;
<i>Rugathodes bellicosus</i> (Simon, 1873)	LR (nt)	6	H	Svatoň 1983a; Miller 1974; Kůrka 2003;
<i>Steatoda albomaculata</i> (De Geer, 1778)	NE	17	H	Svatoň 1983a; Chyzer and Kulczyński 1894;

<i>Steatoda bipunctata</i> (Linnaeus, 1758)	NE	49	H	Wajgiel 1874; Svatoň 1983a; Nowicki 1870; Kulczyński 1881; Chyzer and Kulczyński 1894; Gajdoš unpublished;
<i>Steatoda castanea</i> (Clerck, 1757)	NE	36	H	Svatoň 1983a; Nowicki 1867;
<i>Theridion impressum</i> (L. Koch, 1881)	NE	50	H	Kulczyński 1882b; Chyzer and Kulczyński 1894;
<i>Theridion pictum</i> (Walckenaer, 1802)	NE	18	H	Chyzer and Kulczyński 1894;
<i>Theridion sisyphium</i> (Clerck, 1757)	NE	50	H	Nowicki 1870; Wajgiel 1874; Kulczyński 1882b; Kulczyński 1881; Koch 1870; Chyzer and Kulczyński 1894;
<i>Theridion tinctum</i> (Walckenaer, 1802)	NE	48	H	Wajgiel 1874; Wajgiel 1868; Nowicki 1868;
<i>Theridion varians</i> (Hahn, 1833)	NE	55	H	Nowicki 1868; Kulczyński 1881; Chyzer and Kulczyński 1894;
Thomisidae		105		
<i>Diaea dorsata</i> (Fabricius, 1777)	NE	53	H	Wajgiel 1867; Nowicki 1867; Kulczyński 1882b; Chyzer and Kulczyński 1891;
			W	Nowicki 1867;
<i>Misumena vatia</i> (Clerck, 1757)	NE	61	H	Wajgiel 1867; Nowicki 1870; Nowicki 1867; Kůrka 1997; Kulczyński 1882b; Koch 1870; Chyzer and Kulczyński 1891;
			W	Nowicki 1870; Nowicki 1867; Kulczyński 1881; Chyzer and Kulczyński 1891;
<i>Ozyptila atomaria</i> (Panzer, 1801)	NE	33	H	Proszynski and Starega 1971;
<i>Ozyptila brevipes</i> (Hahn, 1826)	VU	5	H	Kůrka 1997;
<i>Ozyptila praticola</i> (C. L. Koch, 1837)	NE	33	H	Chyzer and Kulczyński 1891;
<i>Ozyptila rauda</i> (Simon, 1875)	NE	14	H	Kulczyński 1882a; Chyzer and Kulczyński 1899; Šilhavý 1938; Gajdoš unpublished; Kulczyński 1882b;
			W	Kolosváry 1935; Chyzer and Kulczyński 1891;
<i>Ozyptila trux</i> (Blackwall, 1846)	NE	31	W	Gajdoš unpublished; Gajdoš 1993a;
<i>Xysticus alpicola</i> (Kulczyński 1882)	VU	3	H	Gajdoš unpublished; Svatoň 1983a; Kulczyński 1881;
			W	Gajdoš unpublished; Miller 1974; Gajdoš 1993a; Chyzer and Kulczyński 1899; Chyzer and Kulczyński 1891;
<i>Xysticus audax</i> (Schränk, 1803)	NE	46	H	Svatoň 1983a; Wajgiel 1874; Nowicki 1870; Kůrka 1997;
			W	Gajdoš 1993a;
<i>Xysticus bifasciatus</i> (C. L. Koch, 1837)	NE	44	W	Gajdoš unpublished;
<i>Xysticus cristatus</i> (Clerck, 1757)	NE	62	H	Wajgiel 1874; Nowicki 1870; Kůrka 1997; Kulczyński 1882b; Kulczyński 1882a; Kulczyński 1881;
			W	Chyzer and Kulczyński 1891;
<i>Xysticus ferrugineus</i> (Menge, 1876)	LR	11	W	Miller 1974; Gajdoš 1993a;
<i>Xysticus gallicus</i> (Simon, 1875)	NE	14	W	Kůrka 1997;
<i>Xysticus kempeleni</i> (Thorell, 1872)	VU	7	W	Kulczyński 1909;
<i>Xysticus kochi</i> (Thorell, 1872)	NE	46	B	Gajdoš 1993a;
			H	Kůrka 1997;
<i>Xysticus lanio</i> (C. L. Koch, 1835)	NE	35	H	Koch 1870; Chyzer and Kulczyński 1891; Petruszewicz 1937; Kulczyński 1882b; Kulczyński 1881;
				Chyzer and Kulczyński 1891;
<i>Xysticus luctuosus</i> (Blackwall, 1836)	LR	9	W	Gajdoš 1993a;
<i>Xysticus obscurus</i> (Collet, 1877)	(lc) CR	2	H	Svatoň 1983b; Svatoň 1983a;
<i>Xysticus slovacus</i>	DD	5	B	Zdarek and Pekar unpublished; Svatoň, Pekár and Pridavka, 1999
Titanoecidae		83		
<i>Titanoeca quadriguttata</i> (Hahn, 1833)	NE	40	H	Svatoň 1983a; Kratochvíl 1932;
Zodariidae		91		
<i>Zodarion germanicum</i> (C. L. Koch, 1837)	NE	36	W	Gajdoš unpublished; Gajdoš 1993a;
Zoridae		101		
<i>Zora distincta</i> (Kulczyński, 1915)	VU	9	H	Svatoň 1983a; Miller 1974;
			W	Gajdoš 1993b; Gajdoš 1993a;
<i>Zora spinimana</i> (Sundevall, 1833)	NE	49	H	Svatoň 1983a; Kulczyński 1882b; Kulczyński 1881; Chyzer and Kulczyński 1897;