

## THE SPIDER FAUNA OF BOHEMIAN PEATBOGS. CHECK-LIST OF SPIDER SPECIES FOUND IN THE PEATBOGS OF THE ŠUMAVA MTS REGION

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Kůrka, A. (1997): The spider fauna of Bohemian peatbogs. Check-list of spider species found in the peatbogs of the Šumava Mts region. - Acta Mus. Nat. Pragae, 53(1997)(1-2):11-35. Praha. ISSN 0036-5343.

**Abstract.** A total of 305 spider species found in 83 peat bogs of the Šumava Mts is presented in this check-list. The relict component which made up 243 species (79.7 %) was clearly dominant in the quantitative epigaeic samples within individual peatbogs. The psychrophilic component dominated both in the number of species (134, i.e. 43.9 %) and in quantitative epigaeic samples obtained using pitfall trapping. The nonspecific component also represented a large proportion of the samples (101 species, i.e. 33.1 %). Seven spider species, found in the peatbogs of the Šumava Mts from 1959 - 1981, had faunistic and zoogeographic importance, as they were new additions to the Bohemian spider fauna. Four of the species have only been found in specific peatbogs: *Arctosa alpigena lamperti*, *Clubiona norvegica*, *Dictyna major*, *Gnaphosa badia*, *Gnaphosa microps*, *Haplodrassus moderatus* and *Pardosa hyperborea*. These seven spider species were found in the territory of the Czech Republic for the first time during 1959 - 1981.

■ Spider fauna, peatbogs, Šumava Mts.

Received: July 27, 1996

### Introduction

The South-West frontier of Bohemia divides a huge Central European mountain massif. Its Czech part is called the Šumava - Bohemian Forest. Most of the Šumava became a Protected Landscape Area in 1963, covering a total of 167,100 hectares. Since 1990, it has also held the status of Biosphere Reserve. The most well-preserved section containing 68,500 ha was promoted to National Park status in 1991, meeting the criteria for the UN List Category II.

The most-studied ecosystems in the Šumava are the peatbogs. Several types of bogs have developed, both on the plains and in the valleys. They are interesting from both floristical and faunistical points of view; any two of them are not quite identical (Čeřovský et al. 1991).

During 1980 - 1995 we investigated the spider communities in 83 peatbogs located within the territory of the Šumava Mts. In the present check-list, data obtained from our observations and compiled with the data of other authors are summarized. Some data have already been published (Buchar 1963, 1969, 1981, Kasal 1981, Kůrka 1990, 1995, Miller 1971).

In some peatbogs (Jezerní slat - Buchar 1963, Mrtvý luh, Zhůřská slat, U Vydrího mostu, Mezilesní slat, Chalupská slat, Novohůrecké rašeliniště, Na mokřině) one or two years complex investigations were performed, i.e., all sampling methods were applied regularly once a month (May - November) in one or two years. For the rest of the sampling areas either the one-time orientation sampling was used or only the population levels of wolf spiders (Lycosidae) were determined.

### Sampling areas

Spider fauna samples were obtained in 83 localities listed below and ordered according to geographical location (see maps A - I).

Data for each locality include the name of the area and abbreviation used in the text, field number on the grid map, elevation, dominant type of vegetation cover and extent of investigation.

### Material and methods

The material consisted of 35,346 specimens collected by the author in the investigated areas, during 1980-1995, using a variety of sampling methods: pitfall trapping, sieving, sweeping, beating and individual sampling.

#### Explanations of symbols:

b - birch forest on peat, d - dwarf pine, m - sedge meadow, e - exploited area, m - sedge meadow, p - pine forest on peat, s - spruce forest on peat, u - unshaded area. CI - complex

investigation, OS - orientation sampling, LYC - exploration of Lycosidae.

The serial numbers of the investigated localities are identical to those given on the relevant maps.

A. Peatbogs around the upper stream of the Křemelná river and its tributaries (Map A 1-8)

1. Šmauzý (Šma) 6745-6845, 1000-1050 m, s, LYC
2. Nový Brunst (Nov) 6845, 960 m, s, OS
3. Gerlův potok (Ger) 6845, 940-980 m, s, OS
4. Novohůrecké rašeliniště (Noh) 6845-6846, 870-880 m, mp, CI
5. Laka (Lak) 6845, 1095 m, u, LYC
6. Stará jímka (Sta) 6946, 1115 m, s, LYC
7. Pod Skelnou (Pod) 6846, 825-840 m, p, OS
8. Frauenthal (Fra) 6846, 800-820 m, pu, OS

B. Complex of the peatbogs near Modrava (Map B 9-27)

9. Javoří vrch (Jav) 6946, 1135 m, d, LYC
10. Javoří sláf (Jas) 6946, 110-1135 m, d, LYC
11. Javoří pila (Jap) 6946, 1050 m, d, LYC
12. Tmavý potok (Tma) 6946, 1040-1060 m, LYC
13. Rokytecká sláf (Roy) 6946, 1100-1135 m, dm, OS
14. Rybárenská sláf (Ryb) 6946, 1010-1035 m, d, LYC
15. Přední Mlynářská sláf (Mly) 6946, 1040 1050 m, d, OS
16. Roklanská sláf (Ros) 6946, 1090-1110 m, d, OS
17. Gayerrücká sláf (Gay) 6946, 1130 m, d, LYC
18. Šárecká sláf (Šar) 6946, 1120-1130 m, d, LYC
19. Roklanská nádrž (Rok) 7046, 1180-1200 m, s, OS
20. Katastrální sláf (Kat) 7046, 1200 m, d, LYC
21. Vrchová sláf (Vrc) 7046, 1200-1225 m, dms, OS
22. Novohůrecké močály (Nom) 7046, 1200-1220, d, LYC
23. Blatenská sláf (Bla) 7046, 1240-1286, d, LYC
24. Cikánská sláf (Cik) 6946, 1090, ds, OS
25. Studená sláf (Sts) 7046, 1050 m, s, LYC
26. Luzenské údolí (Luz) 7046, 1140-1150 m, dm, OS
27. Luzenská sláf (Lus) 7046, 1160-1175 m, s, OS

C. Peatbogs south and west of Srní (Map C 28-32)

28. Mosau (Mos) 6946, 860-880, s, OS
29. Studený potok (Stu) 6946, 850-890, s, OS
30. Kostelní vrch (Kos) 6946, 960-980 m, s, OS
31. Srnský les (Srn) 6946, 830-875 m, s, OS
32. Tříjezerní sláf (Tri) 6946, 1065 m, d, LYC

D. Peatbogs near Kvilda and Filipova Huť (Map D 33-52)

33. Zhůřská sláf (Zhu) 6947, 1130 m, d, CI
34. Horskovildské slatě (Hor) 6947, 1080-1120 m, dm, OS
35. Malý Polec (Map) 6947, 1080-1110 m, de, OS
36. Mezilesní sláf (Mez) 6947, 1100-1110 m, de, CI
37. Zlatá studna (Zla) 6947, 1090 m, s, LYC
38. Pod silnicí (Pos) 6947, 1080-1110 m, s, OS
39. Hamerský potok (Ham) 6947, 1080-1110 m, dm, OS
40. Nad Vydřím mostem (Vyd) 6947, 1070-1080 m, m, CI
41. Na mokřině (Nam) 6947, 1060-1110 m, m, CI
42. Jezerní sláf (Jes) 6947, 1070 m, deu, CI (Buchar 1963)
43. Nad Hamerským potokem (Nah) 6947, 1140 m, s, OS
44. Antygl (Ant) 6947, 1040-1070 m, s, OS
45. Tetřevská sláf (Tet) 6947, 1120-1160 m, d, OS
46. Pod Lapkou (Pol) 6947, 1085-1110, ds, OS
47. Filipohuťská sláf (Fil) 6947, 1110-1130 m, s, OS
48. Lovčí skála (Lov) 6947, 1110 m, s, OS

49. Nová sláf (Noa) 7047, 1110-1130 m, m, LYC

50. Ptačí sláf (Pta) 7047, 1130 m, d, OS

51. Černohorský močál (Čer) 7047, 1170 m, d, LYC

52. Prameny Vltavy (Pra) 7047, 1140-1160 m, d, OS

E. Peatbogs near Borová Lada, Knížecí Pláně and Strážný (Maps E 53-57, E 58-60)

53. Chalupská sláf (Cha) 6947, 905 m, depm, CI

54. Zelenohorská sláf (Zel) 7048, 880 m, ms, OS

55. Buková sláf (Buk) 7047, 960-990 m, d, OS

56. Žďárecká sláf (Žda) 7047, 965-985 m, dm, LYC,

57. Častá (Čas) 7048, 900-905 m, d, LYC

58. Kotlina Valné (Kot) 7047-7147, 860-890 m, dm, LYC

59. Splavské rašeliniště (Spl) 7048, 810-820 m, d, LYC

60. Hliniště (Hli) 7048, 800-820 m, m, LYC

F. Peatbogs in the Vltava Meadow (Maps F 61-66, F 67-68)

61. Malá niva (Mal) 7048, 750-760 m, p, OS

62. Velká niva (Vel) 7048, 750-760 m, p, OS

63. Březina (Bre) 7149, 740 m, p, LYC

64. Mrtvý luh (Mrt) 7149, 730-745 m, pmu CI

65. Stožec (Sto) 7148, 770 m, p, LYC

66. Spálený luh (Spa) 7148, 790-810 m, mp, LYC

67. Pěkná-Záhvоздí (Pek) 7149, 730 m, p, OS

68. Houska (Hou) 7149, 725-730 m, p, LYC

G. Peatbogs in the Želnavá highlands (Map G 69-70)

69. Křištanov (Kri) 7050, 880 m, p, LYC

70. Pod Rysím vrchem (Por) 7150, 950 m, m, LYC

H. Peatbogs near Plechý Mt (Map H 71-72)

71. Jezerní luh (Jel) 7249, 905-920 m, p, LYC

72. Rakouská louka (Rak) 7249, 1340-1345 m, s, LYC

I. Peatbogs around the dam Lipno (Maps I 73-78, I 79-80, I 81-82, I 83)

73. Luh u Zvonkové (Luh) 7249, 790-820 m, m, LYC 74.

74. Pestřice (Pes) 7250, 750 m, m, OS

75. Házlův Kříž (Haz) 7250, 750 m, m, OS

76. Rašeliniště Borková (Rab) 7350, 720 m, mp, OS

77. Kyselovský les (Kys) 7350, 730 m, s, OS

78. Kyselovská zátoka (Kyz) 7350, 720 m, s, OS

79. Multerberg (Mul) 7350-7450, 790 m, p, LYC

80. Kapličky (Kap) 7351-7451, 900-920 m, p, LYC

81. Velké bahno (Veb) 7250, 740 m, m, LYC

82. Bobovec (Bob) 7251, 760 m, p, LYC

83. Olšina (Ols) 7250, 740 m, b, LYC

## Survey of the species identified

A total of 306 spider species was found in the 83 peatbogs investigated in the Šumava Mts. Spider species are listed alphabetically.

Explanations of the symbols used:

a) degree of relictness (Buchar 1992):

RI• relicts of the first order, i.e. spider species inhabiting habitats imperceptibly influenced by man

R •relicts of the second order, i.e. spider species also able to survive in some secondary habitats especially in cultiva-

- ted meadows and forests with reduced diversity of tree species.
- E • expansive species living mostly or exclusively in secondary habitats
- b) temperature requirements (Buchar 1992): P - psychophilic species dependent on the oreophyticum
- M • mesothermic species occurring predominantly in the mesophyticum
- N • nonspecific species occurring predominantly in the thermophyticum,, mesophyticum and oreophyticum
- T • thermophilic species dependent on the thermophyticum
- c) abbreviation of the respective localities:
- |                                    |                                  |
|------------------------------------|----------------------------------|
| Ant - Antygl (D 44)                | Pek - Pěkná-Záhvozdí (F 67)      |
| Bla - Blatenská sláť (B 23)        | Pes - Pestřice (I 74)            |
| Bob - Bobovec (I 82)               | Pod - Pod Skelnou (A 7)          |
| Bre - Březina (F 63)               | Pol - Pod Lapkou (D 46)          |
| Buk - Buková sláť (E 55)           | Por - Pod Rysím vrchem (G 70)    |
| Cik - Cikánská sláť (B 24)         | Pos - Pod silnicí (D 38)         |
| Čas - Častá (E 57)                 | Pra - Prameny Vltavy (D 52)      |
| Čer - Černohorský močál (D 51)     | Pta - Ptačí sláť (D 50)          |
| Fil - Filipohuťská sláť (D 47)     | Rab - Rašelinště Borková (I 76)  |
| Fra - Frauenthal (A 8)             | Rak - Rakouská louka (H 72)      |
| Gay - Gayerrücká sláť (B 17)       | Rok - Roklanská nádrž (B 19)     |
| Ger - Gerlův potok (A 3)           | Ros - Roklanská sláť (B 16)      |
| Ham - Hamerský potok (D 39)        | Roy - Rokytecká sláť (B 13)      |
| Haz - Házlav kříž (I 75)           | Ryb - Rybárenská sláť (B 14)     |
| Hli - Hliniště (E 60)              | Spa - Spálený luh (F 66)         |
| Hor - Horskokvildské slatě (D 34)  | Spl - Splavské rašelinště (E 59) |
| Hou - Houska (F 68)                | Srn - Srnský les (C 31)          |
| Cha - Chalupská sláť (E 53)        | Sta - Stará jímka (A 6)          |
| Jap - Javoří pila (B 11)           | Sto - Stožec (F 65)              |
| Jas - Javoří sláť (B 10)           | Sts - Studená sláť (B 25)        |
| Jav - Javoří vrch (B 9)            | Stu - Studený potok (C 29)       |
| Jel - Jezerní luh (H 71)           | Šar - Šárecká sláť (B 18)        |
| Jes - Jezerní sláť (D 42)          | Šma - Šmauzý (A 1)               |
| Kap - Kapličky (I 80)              | Tet - Tetřevská sláť (D 45)      |
| Kat - Katastrální sláť (B 20)      | Tma - Tmavý potok (B 12)         |
| Kos - Kostelní vrch (C 30)         | Tri - Tříjezerní sláť (C 32)     |
| Kot - Kotlina Valné (E 58)         | Vel - Velká niva (F 62)          |
| Kri - Křišťanov (G 69)             | Veb - Velké bahno (I 81)         |
| Kys - Kyselovský les (I 77)        | Vrc - Vrchová sláť (B 21)        |
| Kyz - Kyselovská zátoka (I 78)     | Vyd - Nad Vydřím mostem (D 40)   |
| Lak - Laka (A 5)                   | Zel - Zelenohorská slat (E 54)   |
| Lov - Lovčí skála (D 48)           | Zhu - Zhůřská sláť (D 33)        |
| Luh - Luh u Zvonkové (I 73)        | Zla - Zlatá studna (D 37)        |
| Lus - Luzenská sláť (B 27)         | Žda - Žďárecká sláť (E 56)       |
| Luz - Luzenské údolí (B 26)        |                                  |
| Mal - Malá niva (F 61)             |                                  |
| Map - Malý polec (D 35)            |                                  |
| Mez - Mezilesní sláť (D 36)        |                                  |
| Mly - Přední Mlynářská sláť (B 15) |                                  |
| Mos - Mosau (C 28)                 |                                  |
| Mrt - Mrtvý luh (F 64)             |                                  |
| Mul - Multerberg (I 79)            |                                  |
| Nah - Nad Hamerským potokem (D 43) |                                  |
| Nam - Na mokřině (D 41)            |                                  |
| Noa - Nová sláť (D 49)             |                                  |
| Noh - Novohřecké rašelinště (A 4)  |                                  |
| Nom - Novohuťské močály (B 22)     |                                  |
| Nov - Nový Brunst (A 2)            |                                  |
| Ols - Olšina (I 83)                |                                  |
- (All data on the spider fauna of the locality Jezerní sláť are taken from Buchar's study (1963). For complete data on spider fauna of the locality Mrtvý luh see Kůrka 1990).
- d) symbols for habitats:
- b - birch forest on peat, d - dwarf pine, m - sedge meadow, u - unshaded area, p - pine forest on peat, s - spruce forest on peat, e - exploited area.
1. *Achaearanea ohlerti* (THORELL, 1870) PR
- Localities: Ant Buk Cha-bdeps Cik Ger Ham Jes Kos Lus Luz Map Mez-d Mly Mos Mrt Nah Nam Nom Pol Pra Pta Rok Tet Vrc-s Zhu Žda.
2. *Aculepeira ceropegia* (WALCKENAER, 1802) PR
- Localities: Ant Buk Cha Cik-bp Ger Ham Kos Kri Lov Lus Luz Map Mez-d Mly Mos Mrt Nah Noh Nov Pek Pes Pol Pta Roy-p Tet Vrc-ds Vyd Zel Žda.
- Characteristics: Common species living both in herbaceous and tree layers, in forests as well as in non-forested habitats or clearings, in low spruce plantations and agricultural fields in mountains as well as lowlands, found primarily juvenile stadia (Buchar 1989).
3. *Aelurillus v-insignitus* (CLERCK, 1757) TR
- Localities: Cha-e Jes-e Noh-p.

- Characteristics: Moderately common epigeic species found in rocky steppes and in sunny edges of woods (Buchar 1989).
- 4. *Agroeca brunnea* (BLACKWALL, 1833)** N R  
 Localities: Cha Jes Mez-d Mrt Noh-mp Roy-d Zhu.  
 Characteristics: Woodland species, common both on ground surface and in vegetation (Buchar 1989).
- 5. *Agroeca proxima* (O. P. -CAMBRIDGE, 1871)** P R  
 Localities: Cha-bdep Jes-e Mez-d Mrt Noh-p Roy-dm Zhu.  
 Characteristics: Moderately common non-forest dwelling epigeic species found in swamps and peatbogs (Buchar 1989).
- 6. *Agyneta cauta* (O. P. -CAMBRIDGE, 1902)** P RI  
 Localities: Cha-bdemp Jes Mez-d Mrt Noh-mp Rab-p Zhu.  
 Characteristics: Rare non-forest dwelling epigeic species, occurring in heathers and peaterys (Buchar 1989).
- 7. *Agyneta conigera* (O. P. -CAMBRIDGE, 1863)** P RI  
 Localities: Cha-bdp Jes Kos Map Mrt Nam Rab-p Zhu.  
 Characteristics: Non-forest dwelling epigeic species, found in swamps (Buchar 1989).
- 8. *Agyneta decora* (O. P. -CAMBRIDGE, 1871)** P RI  
 Localities: Cha-m Jes Nam Noh-m.  
 Characteristics: Rare epigeic species of non-forested habitats (Buchar 1989).
- 9. *Agyneta ramosa* JACKSON, 1912** - -  
 Localities: Mez-d Noh-p Roy-d Zhu.
- 10. *Agyneta subtilis* (O. P. -CAMBRIDGE, 1863)** P R  
 Localities: Cha-dm Jes-d Mrt Noh-p Vyd.  
 Characteristics: Moderately common epigeic species living both in forests and non-forested habitats, in peatbogs and moist meadows (Buchar 1989).
- 11. *Allomenea scopigera* (GRUBE, 1859)** P R  
 Localities: Cha-m Mrt.  
 Characteristics: Moderately common epigeic non-forest dwelling species, found in moist meadows and peatbogs (Buchar 1989).
- 12. *Allomenea vidua* (L. KOCH, 1879)** P RI  
 Localities: Cha-bms Jes Mrt Vyd.  
 Characteristics: Epigeic non-forest dwelling species, occurring in peatbogs and watersides (Buchar 1989).
- 13. *Alopecosa cuneata* (CLERCK, 1757)** N E  
 Locality: Vyd.  
 Characteristics: Common epigeic species living in drier meadows and on warm exposed slopes (Buchar 1989).
- 14. *Alopecosa pulverulenta* (CLERCK, 1757)** N E  
 Localities: Ant Bla Buk Cha-bdep Cik Čas Gay Ham Haz Hli Hou Jes Kap Kot Kri Kys Kyz Luh Lus Map Mrt Mul Noh-mp Pek Pes Po Rab-u Rok Ros Roy-dm Spa Spl Srn Sto Šar Tma Vyd Zel Zhu.  
 Characteristics: Common epigeic species living in non-forested habitats, mainly in moist meadows, primarily located in mountains, locally in agricultural fields (Buchar 1989).
- 15. *Alopecosa taeniata* (C. L. KOCH, 1835)** P RI  
 Localities: Ant Bla Bob Cha-bdep Cik Čer Fra Hli Hou Jap Jas Jay Jes Los Lus Mez-d Mod Mul Nah Noh-mp Nom Pol Por Pos Pra Ros Rab-u Roy-d Šar Šma Tma Tri Zel Zhu Žda.
- 16. *Antistea elegans* (BLACKWALL, 1841)** P R  
 Localities: Cha-bdep Jes-u Mez Mrt Nam Noh-m Roy-dmp Vyd Zhu.  
 Characteristics: Epigeic species common in swamps outside of forests (Buchar 1989).
- 17. *Aphileta misera* (O. P. -CAMBRIDGE, 1882)** P RI  
 Localities: Mrt Noh-m Srn.  
 Characteristics: Rare epigeic species, living both in forests and in non-forested habitats in moorlands and at the edges of woods (Buchar 1989).
- 18. *Araeoncus crassiceps* (WESTRING, 1862)** P RI  
 Localities: Cha-bds Nam Noh-m.  
 Characteristics: Moderately common epigeic species occurring in non-forested swamps (Buchar 1989).
- 19. *Araeoncus humilis* (BLACKWALL, 1841)** N E  
 Localities: Cha-bms Mez Mrt Nam Pes Rab-u Vyd.  
 Characteristics: Common epigeic species living mostly in non-forested habitats, frequent in agricultural fields (Buchar 1989).
- 20. *Araneus alsine* (WALCKENAER, 1802)** M R  
 Locality: Cha-bp.  
 Characteristics: Species occurring both in forests and non-forested habitats, frequent on vegetation (Buchar 1989).
- 21. *Araneus diadematus* CLERCK, 1757** N E  
 Localities: Ant Cha-bdps Cik-d Fil Ger Ham Kos Kys Lov Lus Mez-e Mrt Nah Nam Noh Pol Pta Rab-p Rok-s Roy-p Stu Vrc-s Vyd Zhu.  
 Characteristics: Common species in wooded areas as well as in non-forested landscapes from lowlands to mountains living on vegetation, frequently synanthropic (Buchar 1989).
- 22. *Araneus marmoreus* CLERCK, 1757** M R  
 Localities: Ant Cha-bemp Cik Fil Ham Hor Kos Kys Lov Luz Mez-d Map Mos Noh Pta Rab-p Roy-p Vrc-s.  
 Characteristics: Common species living on bushes and low vegetation growing at edges of woods (Buchar 1989).

23. *Araneus quadratus* CLERCK, 1757 N E  
 Localities: Buk Cha-bmp Cik-sd Ham Kos Kys Lov Lus Mrt Nah Pol Vrc-s.  
 Characteristics: Common species of non-forested swamps, found on vegetation, frequently synanthropic (Buchar 1989).
24. *Araneus sturmii* (HAHN, 1831) P R  
 Localities: Kos Mrt.  
 Characteristics: Common woodland species, living on vegetation at edges of woods and in clearings (Buchar 1989).
25. *Araniella alpica* (L. KOCH, 1869) P RI  
 Localities: Buk Cha-be Cik-d Mez-d.  
 Characteristics: Rare species living on vegetation in a variety of habitats, both in forest and non-forested habitats at higher elevations (Buchar 1989).
26. *Araniella cucurbitina* (CLERCK, 1757) N E  
 Localities: Cha-bemps Kos Lus Luz Map Mos Mrt Nam Rab-p.  
 Characteristics: Common species living both in and outside of the forest, on vegetation, in a variety of habitats including human habitations (Buchar 1989).
27. *Araniella displicata* (HENTZ, 1847) N RI  
 Localities: Mrt Vyd.
28. *Arctosa alpigena lamperti* DAHL, 1908 P RI  
 Localities: Cha-b Jes-u Lus Mrt.  
 Characteristics: Rare epigeic species in mountain peatbogs (Buchar 1989). First found in the Czech Republic in the Šumava Mts (Jes: Buchar 1963), later in the peatbogs in the Krkonoše Mts and in the Jizerské hory Mts.
29. *Argenna* sp. --  
 Locality: Zel.  
 Characteristics: One female collected by sweeping, similar to *Argenna subnigra* in general appearance, with rather different epigyne.
30. *Argyroneta aquatica* (CLERCK, 1757) P R  
 Locality: Cha-jezírko.  
 Characteristics: Common water species occurring mainly in lowlands (Buchar 1989).
31. *Asthenargus helveticus* SCHENKEL, 1936 P R  
 Locality: Mrt.  
 Characteristics: Moderately common epigeic species, living in wooded areas and heathers (Buchar 1989).
32. *Asthenargus paganus* (SIMON, 1884) P RI  
 Localities: Cha-pe Nov.  
 Characteristics: Woodland epigeic species (Buchar 1989).
33. *Aulonia albimana* (WALCKENAER, 1805) N R  
 Localities: Cha-de Mrt Spa.  
 Characteristics: Epigeic species occurring at lower and middle elevations, both in forest and non-forested habitats (Buchar 1989).
34. *Bathyphantes approximatus* (O. P-CAMBRIDGE, 1871) PR  
 Localities: Cha-bm Mrt.  
 Characteristics: Epigeic species living both in and outside of the forest, migrating to vegetation layers, most frequently found on coastal vegetation (Buchar 1989).
35. *Bathyphantes gracilis* (BLACKWALL, 1841) N R  
 Localities: Cha-bdms Jes Map Mez-e Mrt Nam Pes Srn Vyd Zhu.  
 Characteristics: Common epigeic species migrating to vegetation layers, mainly occurring in non-forested habitats (Buchar 1989).
36. *Bathyphantes nigrinus* (WESTRING, 1851) N R  
 Localities: Cha-bms Lov Mrt Nam Vel Vyd.  
 Characteristics: Common epigeic species migrating to vegetation layers, dependent on woodland habitats (Buchar 1989).
37. *Bathyphantes parvulus* (WESTRING, 1851) N E  
 Localities: Cha-b Mez-e Noh-m.  
 Characteristics: Common species living both on the ground surface and in vegetation layers, in non-forested habitats and in agricultural fields (Buchar 1989).
38. *Bathyphantes setiger* (F. O. P.-CAMBRIDGE, 1894) P RI  
 Locality: Jes-e.  
 Characteristics: Rare epigeic species in non-forested habitats including peatbogs (Buchar 1989).
39. *Bianor aurocinctus* (OHLERT, 1865) N R  
 Localities: Cha-e Ham Kys Nam.  
 Characteristics: Moderately common epigeic species occurring both in forest and non-forested habitats (Buchar 1989).
40. *Bolyphantes alticeps* (SUNDEVALL, 1833) P R  
 Localities: Ant Cha-bdemp Fil Jes-e Lov Mez-d Mos Mrt Nam Noh Nov Pta Roy-mp Stu Vyd Zhu.  
 Characteristics: Epigeic species common both in forests and in non-forested habitats (Buchar 1989).
41. *Bolyphantes crucifer* (MENGE, 1866) M RI  
 Localities: Cha-d Pek.  
 Characteristics: Woodland epigeic species (Buchar 1989).
42. *Bolyphantes luteolus* (BLACKWALL, 1833) P RI  
 Locality: Cha-b.  
 Characteristics: Rare epigeic species (Buchar 1989).
43. *Callobius claustrarius* (HAHN, 1833) P R  
 Locality: Kys.  
 Characteristics: Common epigeic species, hylobiont (Buchar 1989).
44. *Carorita limnaea* (CROSBY et BISHOP, 1927) P RI  
 Locality: Mrt.  
 Characteristics: Rare epigeic non-forest dwelling species (Buchar 1989).

45. *Centromerita bicolor* (BLACKWALL, 1833) P E  
 Localities: Cha-bde Mez Mrt Nam.  
 Characteristics: Common epigeic species found in non-forested habitats including agricultural fields (Buchar 1989).
46. *Centromerus arcanus* (O. P.-CAMBRIDGE, 1873) P RI  
 Localities: Cha-bdemps Ger Jes-de Mez-d Mrt Nam Noh-mp Nov Pod Pol Roy-d Srn Vel Vyd Zhu.  
 Characteristics: Rare epigeic species dwelling in relic habitats both in forests and non-forested stands (Buchar 1989).
47. *Centromerus cavernarum* (L. KOCH, 1872) P RI  
 Locality: Mrt.  
 Characteristics: Rare epigeic species found in non-forested habitats, in peatmoss and reed (Buchar 1989).
48. *Centromerus incilium* (L. KOCH, 1881) N R  
 Localities: Cha-e Mrt.  
 Characteristics: Rare epigeic species dwelling both in forests and non-forested habitats in relatively moist stands (Buchar 1989).
49. *Centromerus levitarsis* (SIMON, 1884) P RI  
 Localities: Cha-m Mrt.  
 Characteristics: Rare epigeic species occurring in peatbogs and marshes (Buchar 1989).
50. *Centromerus pabulator* (O. P.-CAMBRIDGE, 1875) P RI  
 Localities: Mrt Noh-mp Roy-d.  
 Characteristics: Rare epigeic species dependent on mountain streams in forests, non-forested stands as well as in the alpine zone (Buchar 1989).
51. *Centromerus similis* KULCZYNSKI, 1894 M RI  
 Locality: Mrt.  
 Characteristics: Woodland epigeic species (Buchar 1989).
52. *Centromerus sylvaticus* (BLACKWALL, 1841) N E  
 Localities: Cha-bdep Jes Mez-d Mrt Vyd Zhu.  
 Characteristics: Common epigeic species both in forests and non-forested habitats including agricultural fields (Buchar 1989).
53. *Ceratinella brevipes* (WESTRING, 1851) P R  
 Localities: Cha-bm Mrt Vyd Zhu.  
 Characteristics: Moderately common epigeic species in non-forested habitats at middle and higher elevations (Buchar 1989).
54. *Ceratinella brevis* (WIDER, 1834) N R  
 Localities: Cha-bdep Jes Kos Mez-d Mrt Nam Pol Srn.  
 Characteristics: Common epigeic species living mostly in non-forested habitats (Buchar 1989).
55. *Ceratinopsis stativa* (SIMON, 1881) P R  
 Locality: Mrt.  
 Characteristics: Moderately common non-forest dwelling epigeic species (Buchar 1989).
56. *Cercidia prominens* (WESTRING, 1851) N RI  
 Localities: Cha-p Ham.  
 Characteristics: Moderately common epigeic species migrating to vegetation layers as well, living both in forests and non-forested habitats, often in xerothermic stands (Buchar 1989).
57. *Cheiracanthium erraticum* (WALCKENAER, 1802) M R  
 Locality: Mrt.  
 Characteristics: Moderately common non-forest dwelling species living on vegetation on moist meadows and coastal growth (Buchar 1989).
58. *Cicurina cicur* (FABRICIUS, 1793) N E  
 Localities: Cha-ep Noh-p.  
 Characteristics: Epigeic species both in forest and in non-forested habitats (Buchar 1989).
59. *Clubiona diversa* O. P. -CAMBRIDGE, 1862 N R  
 Localities: Jes Mez-e Mrt Vyd.  
 Characteristics: Common epigeic species both in forest and non-forested habitats (Buchar 1989).
60. *Clubiona germanica* THORELL, 1870 M R  
 Locality: Mrt.  
 Characteristics: Moderately common epigeic species migrating to the vegetation layers, in non-forested habitats (Buchar 1989).
61. *Clubiona kulczynskii* LESSERT, 1905 P RI  
 Localities: Cha-bdp Fra Hor Jes Kys Noh-p Pta.  
 Characteristics: Rare epigeic species in peatbogs (Buchar 1989).
62. *Clubiona norvegica* STRAND, 1900 P RI  
 Localities: Jes-du Noh-p Roy-p Srn Vrc-s Vyd.  
 Characteristics: Epigeic species living in peatbogs (Buchar 1989). Presently the species has only been found in the Czech Republic in the Šumava Mts (first at the locality Jezerní slat, Buchar 1963).
63. *Clubiona reclusa* O. P. -CAMBRIDGE, 1863 P R  
 Localities: Buk Cha-bdms Cik-s Ger Ham Lov Map Mos Mrt Noh-m Nov Pes Pol Rok Vel Vrc-s Vyd.  
 Characteristics: Common epigeic species migrating to vegetation layers, mostly in non-forested habitats slightly influenced by man (Buchar 1989).
64. *Clubiona subsultans* THORELL, 1875 P R  
 Localities: Cha-bds Cik-s Fil Lov Mrt Nam Rab-p Roy-s Srn Vel.  
 Characteristics: Common species occurring both in forests and non-forested habitats, living often under bark and on the ground surface as well, at various elevations (Buchar 1989).
65. *Clubiona subtilis* L. KOCH, 1867 M R  
 Locality: Nam.  
 Characteristics: Moderately common species living on vegetation, in forest marshes as well as in non-forested habitats (Buchar 1989).

66. <i>Clubiona trivialis</i> C. L. KOCH, 1841	N R	Characteristics: Common woodland species living on shrubs and trees (Buchar 1989).
Localities: Ant Buk Cha-bdep Cik Ger Ham Kos Kys Lov Lus Map Mez-d Mos Mly Mrt Nah Nam Noh Nom Pol Pra Pta Rab-p Rok Roy-p Vrc-s Vyd Tet Žda.		
Characteristics: Moderately common epigeic species migrating to vegetation layers, frequently found in forests as well as in non-forested habitats in mountains (Buchar 1989).		
67. <i>Cnephalocotes obscurus</i> (BLACKWALL, 1834)	N R	
Localities: Cha-de Jes Mrt Noh-p.		
Characteristics: Moderately common epigeic species occurring in non-forested habitats (Buchar 1989).		
68. <i>Coelotes inermis</i> (L. KOCH, 1855)	P R	
Localities: Cha-bms Jes Mrt Noh-m Roy-dm Vyd.		
Characteristics: Moderately common woodland epigeic hylobiont (Buchar 1989).		
69. <i>Coelotes terrestris</i> (WIDER, 1834)	N R	
Localities: Cha-bdempes Jes Mez Mrt Nah Nam Noh-pm Rab-u Roy-dm Vyd Zhu.		
Characteristics: Common epigeic species living in all types of forests and penetrating to neighbouring areas including alpine meadows (Buchar 1989).		
70. <i>Crustulina guttata</i> (WIDER, 1834)	N R	
Localities: Cha-de Mez-e Mrt Nam.		
Characteristics: Moderately common epigeic species occurring both in wooded areas and barren lands at lower and middle elevations (Buchar 1989).		
71. <i>Cryphoeca silvicola</i> (C. L. KOCH, 1834)	P R	
Localities: Cha-bds Mrt Nam Noh-p Pol Rab-p Vel.		
Characteristics: Moderately common epigeic woodland species primarily occurring in rock debris (Buchar 1989).		
72. <i>Cybaeus angustiarum</i> L. KOCH, 1868	P R	
Localities: Cha-ep Nam Roy-s Vyd Zhu.		
Characteristics: Moderately common epigeic woodland hylobiont species, penetrating to neighbouring peatbogs (Buchar 1989).		
73. <i>Cyclosa conica</i> (PALLAS, 1772)	P R	
Localities: Jes Mrt.		
Characteristics: Common woodland hylobiont mainly dependent on spruce forest habitats (Buchar 1989).		
74. <i>Dendryphantes hastatus</i> (CLERCK, 1757)	M R	
Localities: Cha-d Map Rab-p Tet.		
Characteristics: Moderately common species living on vegetation both in forests and in non-forested habitats at lower elevations (Buchar 1989).		
75. <i>Dendryphantes rufid</i> (SUNDEVALL, 1832)	N R	
Localities: Cha-bde Mos Mrt Noh Rab-p Srn.		
Characteristics: Common woodland species, found on branches (Buchar 1989).		
76. <i>Diae dorsata</i> (FABRICIUS, 1777)	M R	
Localities: Cha-e Mal Pta Vel.		
		Characteristics: Common woodland epigeic hylobiont species (Buchar 1989).
77. <i>Dictyna arundinacea</i> (LINNAEUS, 1758)	N E	
Localities: Ant Buk Cha-bep Mez-d Mrt Mly.		
Characteristics: Common herbaceous species occurring in non-forest habitats, frequent on remnants of old vegetation (Buchar 1989).		
78. <i>Dictyna major</i> MENGE, 1869	P RI	
Localities: Jes (Kasal 1976) Mrt (Kasal 1976, 1981).		
Characteristics: Rare species occurring in the vegetation layers (Buchar 1989), in the Czech Republic found only in above-mentioned localities at the present.		
79. <i>Dictyna pusilla</i> THORELL, 1856	P R	
Localities: Cha-b Mos.		
Characteristics: Moderately common species found both in forests and in non-forested habitats, most frequent in canopy layer (Buchar 1989).		
80. <i>Dicymbium nigrum</i> (BLACKWALL, 1834)	N E	
Localities: Mrt Nam Pes.		
Characteristics: Common epigeic species living in forests as well as in non-forested habitats (Buchar 1989).		
81. <i>Dicymbium tibiale</i> (BLACKWALL, 1836)	N RI	
Locality: Zhu.		
Characteristics: Rare epigeic species found in non-forested habitats (Buchar 1989).		
82. <i>Diplocephalus cristatus</i> (BLACKWALL, 1833)	N E	
Localities: Cha-in submersed peatmoss Jes-e Mrt Noh-m.		
Characteristics: Abundant species living in forests as well as in non-forested habitats (Buchar 1989).		
83. <i>Diplocephalus helleri</i> (L. KOCH, 1869)	P RI	
Locality: Cha-s submersed peatmoss.		
Characteristics: Rare epigeic species found both in forests and in non-forested habitats (Buchar 1989).		
84. <i>Diplocephalus latifrons</i> (O. P.-CAMBRIDGE, 1863)	N R	
Localities: Cha-beps Mrt Zel Zhu.		
Characteristics: Abundant epigeic species occurring in forests (Buchar 1989).		
85. <i>Diplocephalus permixtus</i> (O. P.-CAMBRIDGE, 1871)	P RI	
Locality: Cha-bms submersed peatmoss.		
Characteristics: Rare epigeic non-forest dwelling species, found on exposed banks of mountain streams (Buchar 1989).		
86. <i>Diplocephalus picinus</i> (BLACKWALL, 1841)	N R	
Localities: Cha-b Kys Pes.		
Characteristics: Common woodland epigeic hylobiont species (Buchar 1989).		

87. *Diplostyla concolor* (WIDER, 1834) N E  
 Localities: Cha-be Mrt.  
 Characteristics: Common epigeic species living in all types of woods as well as numerous artificially deforested areas (Buchar 1989).
88. *Dismodicus bifrons* (BLACKWALL, 1841) P R  
 Localities: Cha-bems Haz Mrt Pes Pol Vyd.  
 Characteristics: Common epigeic species migrating to vegetation layers, living in forests as well in non-forested habitats (Buchar 1989).
89. *Dismodicus elevatus* (C. L. KOCH, 1838) P RI  
 Localities: Buk Cha-d Cik Mez-d Mrt Pra Roy-p Stu Tet Vyd Zhu Žda.  
 Characteristics: Rare epigeic species migrating to vegetation layers, living in forests as well as in non-forested habitats (Buchar 1989).
90. *Dolomedes fimbriatus* (CLERCK, 1757) P R  
 Localities: Cha-bm Jes Kos Kys Kyz Mos Mrt Noh-m Pol Rab-pu Srn Stu Vel Vyd Zel.  
 Characteristics: Moderately common species migrating to vegetation layers, occurring both in forest and non-forested areas (Buchar 1989).
91. *Drapetisca socialis* (SUNDEVALL, 1833) P R  
 Localities: Cha-bd Cik-s Fra Kos Mos Mrt Nah Pod Stu.  
 Characteristics: Common species occurring both in forests and in non-forested habitats, on vegetation (Buchar 1989).
92. *Drassodes lapidosus* (WALCKENAER, 1802) N R  
 Localities: Cha-bep Jes Mrt Noh-p Rab-u.  
 Characteristics: Common epigeic non-forest species found from lowlands to mountains (Buchar 1989).
93. *Drassodes pubescens* (THORELL, 1856) N R  
 Localities: Cha-bde Mrt.  
 Characteristics: Common non-forest epigeic species (Buchar 1989).
94. *Drassyllus pusillus* (C. L. KOCH, 1833) N E  
 Locality: Jes.  
 Characteristics: Common epigeic species preferring non-forested habitats, also found in dumps and agricultural fields (Buchar 1989).
95. *Drepanotylus uncatus* (O. P. -CAMBRIDGE, 1873) P RI  
 Localities: Cha-bms Jes-d Mez Mrt Nam Noh-m Nov Stu Vyd.  
 Characteristics: Moderately common epigeic non-forest species found in peatbogs, on the shores of ponds and other wetlands (Buchar 1989).
96. *Enoplognatha ovata* (CLERCK, 1757) N E  
 Localities: Cha-s Mrt.  
 Characteristics: Common species dwelling on vegetation, from lowlands to mountains, both in forests and non-forested habitats (Buchar 1989).
97. *Entelecara congenera* (O. P. -CAMBRIDGE, 1879) - RI  
 Localities: Ant Buk Cha-bde Lus Luz Map Mrt Srn.  
 Characteristics: Rare species occurring in forests as well as in non-forested areas on vegetation (Buchar 1989).
98. *Episinus angulatus* (BLACKWALL, 1836) M R  
 Localities: Mal Mrt Pek Pta Vel.  
 Characteristics: Moderately common epigeic species migrating to higher vegetation strata, in forests as well as in non-forested habitats (Buchar 1989).
99. *Episinus truncatus* LATREILLE, 1809 N R  
 Locality: Mrt.  
 Characteristics: Epigeic species migrating to higher vegetation strata, both in forests and non-forested habitats (Buchar 1989).
100. *Erigone atra* BLACKWALL, 1833 N E  
 Localities: Ant Buk Cha-bdempa Cik-d Hor Jes Kos Lov Map Mez Mly Mrt Nam Rab-p Roy-m Tet Vrc-s Vyd Zhu.  
 Characteristics: Ubiquitous aeronautic species, inhabiting a variety of habitats including xerothermic stands and agricultural fields (Buchar 1989).
101. *Erigone dentipalpis* (WIDER, 1834) N E  
 Localities: Ant Buk Cha-bemps Cik-s Jes Lus Luz Mal Mez-e Mrt Nah Nam Pta Rab-pu Roy-d Tet Vyd.  
 Characteristics: Common epigeic species, typical aeronaut frequently occurring in agricultural fields, forests, and in non-forested habitats (Buchar 1989).
102. *Erigonella hiemalis* (BLACKWALL, 1841) P R  
 Localities: Cha-ds Mez-e Mrt.  
 Characteristics: Common epigeic hygrophilous species migrating to higher vegetation strata, both in and out of forests at all elevations (Buchar 1989).
103. *Erigonella ignobilis* (BLACKWALL, 1871) P RI  
 Localities: Cha-bems Jes Mez-ev Mrt Noh-m Vyd.  
 Characteristics: Rare epigeic non-forest species in marshy habitats (Buchar 1989).
104. *Ero furcata* (VILLERS, 1789) N R  
 Localities: Nov Vel Zhu.  
 Characteristics: Epigeic species penetrating to vegetation strata, very common both in forests and non-forested habitats (Buchar 1989).
105. *Euophrys erratica* (WALCKENAER, 1825) M R  
 Locality: Rab.

Characteristics: Moderately common species occurring from the herbaceous to the canopy layer, often on tree trunks, at lower and middle elevations (Buchar 1989).		
106. <i>Euophrys frontalis</i> (WALCKENAER, 1802)	N R	P RI
Locality: Mez-d.		
Characteristics: Moderately common epigeic species both in forests and non-forested habitats (Buchar 1989).		
107. <i>Euophrys petrensis</i> (C. L. KOCH, 1837)	N R	P RI
Localities: Cha-e Jes-e.		
Characteristics: Non-forest dwelling epigeic species (Buchar 1989).		
108. <i>Euophrys westringi</i> (SIMON, 1868)	P RI	P RI
Localities: Cha-be Jes Mrt Rab-u.		
Characteristics: Rare non-forest dwelling epigeic species (Buchar 1989).		
109. <i>Euryopis flavomaculata</i> (C. L. KOCH, 1836)	N RI	M RI
Localities: Cha-pe Mrt Noh-p.		
Characteristics: Moderately common epigeic species dwelling in forests as well as in non-forested habitats, both in xerothermic stands and peatbogs (Buchar 1989).		
110. <i>Evansia merens</i> O. P. -CAMBRIDGE, 1900	P RI	P RI
Locality: Cha-dm.		
Characteristics: Rare woodland epigeic species (Buchar 1989).		
111. <i>Evarcha arcuata</i> (CLERCK, 1757)	M R	P RI
Localities: Ant Buk Cha-bdmps Ham Kos Kys Lov Map Mos Mrt		
Pes Pol Rab-p Rok Roy-p Srn Stu Zel.		
Characteristics: Epigeic species migrating to higher vegetation strata, abundant both in forests and non-forested habitats (Buchar 1989).		
112. <i>Evarcha flammata</i> (CLERCK, 1757)	N R	P RI
Localities: Bob Buk Cha-bep Fil Ham Kys Map Mrt Noh-p Pol Rab-p Rok.		
Characteristics: Common epigeic species migrating to higher vegetation layers, both in forests and non-forested habitats (Buchar 1989).		
113. <i>Evarcha laetabunda</i> (C. L. KOCH, 1846)	N RI	M R
Localities: Cha-e Mrt.		
Characteristics: Rare species living both in forests and non-forested habitats (Buchar 1989).		
114. <i>Floronia bucculenta</i> (CLERCK, 1757)	M R	- -
Localities: Mal Mrt Rab-p Vel.		
Characteristics: Common species in rank meadow vegetation, in forests and reed (Buchar 1989).		
115. <i>Glyphesis servulus</i> (SIMON, 1881)	P RI	- RI
Localities: Cha-b Mrt.		
Characteristics: Rare woodland epigeic species (Buchar 1989).		
116. <i>Gnaphosa badia</i> (L. KOCH, 1866)		P RI
Localities: Cha-bdep Jes-e Mez-de Nam Noh-mp Zhu.		
Characteristics: Rare epigeic species found both in forests and non-forested habitats; in the Czech Republic exclusively in the Šumava Mts (Buchar 1989).		
117. <i>Gnaphosa microps</i> HOLM, 1939		P RI
Localities: Cha-bdemp Jes-du Mez-d Mrt Mul Nam Noh-mp Roy-dm.		
Characteristics: Epigeic species found exclusively in the Šumava Mts (Buchar 1989).		
118. <i>Gnaphosa montana</i> (L. KOCH, 1866)		P RI
Localities: Mrt Noh-b.		
Characteristics: Rare woodland epigeic species, living mostly on downed logs, in mountains and sloped terrain (Buchar 1989).		
119. <i>Gnaphosa nigerrima</i> L. KOCH, 1877		M RI
Locality: Noh-m.		
Characteristics: Rare non-forest dwelling epigeic species, at edges of peatbogs and peaty meadows (Buchar 1989).		
120. <i>Gonatium rubellum</i> (BLACKWALL, 1841)		P R
Localities: Cha-bdps Fra-p Mal Mez-d Pta.		
Characteristics: Common epigeic species migrating to higher vegetation strata, in forests at all elevations (Buchar 1989).		
121. <i>Gonatium rubens</i> (BLACKWALL, 1833)		P RI
Localities: Ant Cha-dp Jes Ham Mez-e Mrt Noh Vyd.		
Characteristics: Rare non-forest dwelling epigeic species (Buchar 1989).		
122. <i>Gongylidiellum latebricola</i> (O. P. -CAMBR., 1871)		P R
Localities: Cha-bdep Jes-d Kys Mez-e Mrt Pol.		
Characteristics: Common epigeic species occurring both in forests and in non-forested habitats, mainly in leaf-litter (Buchar 1989).		
123. <i>Gongylidiellum vivum</i> (O. P. -CAMBRIDGE, 1875)		P R
Localities: Cha-m Noh-m Vyd Zhu.		
Characteristics: Moderately common non-forest epigeic species living in moist habitats including peatbogs (Buchar 1989).		
124. <i>Gongylidium rufipes</i> (SUNDEVALL, 1829)		M R
Locality: Kos.		
Characteristics: Common epigeic species migrating to higher strata, occurring both in forests and non-forested habitats, primarily on shore vegetation (Buchar 1989).		
125. <i>Hahnia montana</i> (BLACKWALL, 1841)		- -
Locality: Mez-e.		
126. <i>Hahnia ononidum</i> SIMON, 1875		- RI
Locality: Cha-p.		
Characteristics: Rare woodland epigeic species (Buchar 1989).		

127. *Hahnia pusilla* C. L. KOCH, 1841 P R  
 Localities: Cha-bdep Jes-d Mez-d Mrt Nam.  
 Characteristics: Common woodland epigeic species; hylobiont (Buchar 1989).
128. *Haplodrassus moderatus* (KULCZYNSKI, 1897) P RI  
 Localities: Cha-bdemp Kys Mrt Rab-u.  
 Characteristics: Rare epigeic species occurring in peatbogs (Buchar 1989). First found in the Czech Republic in the peat bog Mrtvý luh (Kůrka 1990). In addition to the Šumava Mts the species occurs in peatbogs situating in the territory of the Ralská pahorkatina (hilly country in northern Bohemia).
129. *Haplodrassus signifer* (C. L. KOCH, 1839) N E  
 Localities: Cha-bep Jes-eu Mez Mrt Noh-mp Rab-u Roy-d Zhu.  
 Characteristics: Common non-forest dwelling epigeic species (Buchar 1989).
130. *Haplodrassus soerensenii* (STRAND, 1900) P RI  
 Localities: Cha-d Mrt Rab-u.  
 Characteristics: Rare epigeic species occurring in a variety of moist forests (Buchar 1989).
131. *Harpactea lepida* (C. L. KOCH, 1838) P R  
 Localities: Cha-bdp Jes-d Mez-d Mrt Nam Noh-mp Zhu.  
 Characteristics: Epigeic hylobiont most frequent in moist forests (Buchar 1989).
132. *Heliophanus cupreus* (WALCKENAER, 1802) T R  
 Locality: Mrt.  
 Characteristics: Moderately common epigeic species migrating to higher vegetation strata, found mostly on rocky wood-steppes as well as at southern edges of woods (Buchar 1989).
133. *Heliophanus dampfi* SCHENKEL, 1823 P RI  
 Localities: Cha-dmp Buk Cik-d Jes-e Map Nah Nam Pol Roy-p Veb Vyd Zhu.  
 Characteristics: Rare non-forest dwelling epigeic species occurring in mountain peateries (Buchar 1989).
134. *Heliophanus dubius* C. L. KOCH, 1835 M R  
 Localities: Cha-b Map Zhu.  
 Characteristics: Moderately common epigeic species both in forests and non-forested habitats (Buchar 1989).
135. *Helophora insignis* (BLACKWALL, 1841) P R  
 Localities: Cha-bs Mrt.  
 Characteristics: Moderately common woodland epigeic species migrating to higher vegetation strata (Buchar 1989).
136. *Hilaira excisa* (O. P.-CAMBRIDGE, 1870) P RI  
 Localities: Cha-bems Mrt Nam Vyd Zhu.  
 Characteristics: Rare epigeic species in forests as well as non-forested habitats in mountains and at middle elevations, primarily found in peatbogs and in alder growths (Buchar 1989).
137. *Hilaira tatraica* KULCZYNSKI, 1915 P RI  
 Localities: Cha-bmps Jes-d Mez-d Nam Noh-mp Vyd Zhu Zla.  
 Characteristics: Rare non-forest dwelling epigeic species occurring at very high elevations (Buchar 1989).
138. *Histopona torpida* (C. L. KOCH, 1834) P RI  
 Localities: Cha-p Mrt.  
 Characteristics: Common woodland epigeic species, hylobiont, found mainly at mid-elevations (Buchar 1989).
139. *Hygrolycosa rubrofasciata* (OHLERT, 1865) M RI  
 Locality: Ols.  
 Characteristics: Rare woodland epigeic species, found primarily in dispersed pine growths with Polytrichum and Sphagnum cover (Buchar 1989).
140. *Hypomma bituberculatum* (WIDER, 1834) M R  
 Localities: Cha-m Haz Mrt Pes.  
 Characteristics: Common non-forest dwelling epigeic species living in shore growth (Buchar 1989).
141. *Hypsosinga pygmaea* (SUNDEVALL, 1832) M RI  
 Localities: Mrt Pes Rab-u.  
 Characteristics: Moderately common epigeic species migrating to higher vegetation strata, both in forests and non-forested habitats (Buchar 1989).
142. *Hypsosinga sanguinea* (C. L. KOCH, 1844) N R  
 Localities: Cha-bp Mrt.
143. *Kaestneria dorsalis* (WIDER, 1834) M R  
 Localities: Cha-bdems Rab-p Mrt.  
 Characteristics: Common arboreal species both in forests and non-forested habitats (Buchar 1989).
144. *Larinoides cornutus* (CLERCK, 1757) P RI  
 Localities: Cha-m Cik-d Mez-d Mrt Pes Rab-pu Stu Vyd.  
 Characteristics: Rare species occurring from the herbaceous up to the canopy layer at higher elevations, in non-forested areas (Buchar 1989).
145. *Larinoides patagiatus* (CLERCK, 1757) M R  
 Localities: Ant Cha-be Kys Nam Rab-p.  
 Characteristics: Moderately common non-forest dwelling species occurring from the herbaceous up to the canopy layer, mainly in countries with ponds (Buchar 1989).
146. *Lasaeola tristis* (HAHN, 1833) M R  
 Localities: Cha-de Lus Mrt.  
 Characteristics: Moderately common woodland species occurring from herbaceous up to canopy layer (Buchar 1989).
147. *Latithorax faustus* (O. P. -CAMBRIDGE, 1900) --  
 Locality: Vyd.  
 Characteristics: Rare species occurring in peatbogs, presently found in the Jeseníky Mts (Miller 1951), the Krushné hory Mts (Absolon in litt.), the Šumava Mts (Kůrka 1995) and the Třeboň Basin (Miller 1971).

148. *Leptyphantes alacris* (BLACKWALL, 1853) P R  
 Localities: Cha-bs Mrt Pod Vel Zhu Zla.  
 Characteristics: Common woodland epigeic species, hylobiont, penetrating to stone debris (Buchar 1989).
149. *Leptyphantes cristatus* (MENGE, 1866) P R  
 Localities: Cha-bdems Fra Ham Jes Kos Mal Mez-e Mrt Nam Noh-p Nov Pod Pta Srn Vel Zhu.  
 Characteristics: Woodland epigeic species, active in winter (Buchar 1989).
150. *Leptyphantes expunctus* (O. P. -CAMBRIDGE, 1875) P RI  
 Locality: Luz.  
 Characteristics: Rare non-forest dwelling species occurring from the herbaceous up to canopy layer (Buchar 1989).
151. *Leptyphantes flavipes* (BLACKWALL, 1854) N R  
 Localities: Cha-bdep Mez-e Mrt Nam Vyd.  
 Characteristics: Common woodland epigeic species, hylobiont, found at lower and mid-elevation (Buchar 1989).
152. *Leptyphantes mansuetus* (THORELL, 1875) N R  
 Localities: Cha-be Jes Mrt.  
 Characteristics: Common epigeic species both in forests and non-forested habitats (Buchar 1989).
153. *Leptyphantes mengei* KULCZYNSKI, 1887 N E  
 Localities: Cha-e Jes Mrt Nam Vyd.  
 Characteristics: Common epigeic species occurring almost in all types of habitats from lowlands to mountains (Buchar 1989).
154. *Leptyphantes nitidus* (THORELL, 1875) P R  
 Localities: Cha-b Jes Nam.  
 Characteristics: Moderately common epigeic species in forests and a variety of non-forested habitats (Buchar 1989).
155. *Leptyphantes nodifer* SIMON, 1884 P RI  
 Localities: Cha-bds Mez-e Mrt Zhu.  
 Characteristics: Rare epigeic species at higher elevations in moist forests and peatbogs (Buchar 1989).
156. *Leptyphantes obscurus* (BLACKWALL, 1841) P RI  
 Localities: Cha-bdep Luz Map Mrt Rab-p Vrc-s Vyd Zhu.  
 Characteristics: Rare epigeic species also migrating to higher strata, occurring mostly outside of forests, primarily in mountain meadows, solitary in lowlands (Buchar 1989).
157. *Leptyphantes pallidus* (O. P. -CAMBRIDGE, 1871) N R  
 Locality: Mrt.  
 Characteristics: Common epigeic species occurring in a variety of habitats (Buchar 1989).
158. *Leptyphantes tenebricola* (WIDER, 1834) P R  
 Localities: Cha-bdeps Mrt Noh-m Rab-p Zhu.  
 Characteristics: Common woodland hylobiont occurring at middle and higher elevations (Buchar 1989).
159. *Leptyphantes tenuis* (BLACKWALL, 1852) N R  
 Locality: Mrt.  
 Characteristics: Epigeic species in sunny areas and on the banks of mountain streams (Buchar 1989).
160. *Leptyphantes tripartitus* MILLER et SVATOŇ, 1978 --  
 Localities: Cha-bds Ger Jes-d Mrt Zhu.  
 Characteristics: Rare epigeic species in mountain forests, and above treeline (Buchar 1989).
161. *Leptorchestes berolinensis* (C. L. KOCH, 1846) N RI  
 Locality: Jes - on downed spruce tree (leg. J. Vachold).  
 Characteristics: Rare species occurring from the herbaceous to the canopy layer both in forests and non-forested habitats (Buchar 1989).
162. *Leptorthoptrum robustum* (WESTRING, 1851) P R  
 Localities: Cha-bms Mez-e Mrt Roy-m Vyd.  
 Characteristics: Moderately common non-forest dwelling epigeic species found in wetlands (Buchar 1989).
163. *Linyphia triangularis* (CLERCK, 1757) N E  
 Localities: Ant Cha-bdeps Fra Ger Ham Kos Kys Mal Mos Mrt Noh Nov Pod Rab-p Srn Stu Vel.  
 Characteristics: Common species living both in forests and non-forested habitats on shrubs and herbs (Buchar 1989).
164. *Lophomma punctatum* (BLACKWALL, 1841) P R  
 Localities: Cha-bms Mrt Noh-m Nov Vyd.  
 Characteristics: Common non-forest dwelling epigeic species living in exposed or only partly shaded wetlands (Buchar 1989).
165. *Macrargus carpenteri* (O. P. -CAMBRIDGE, 1894) M RI  
 Locality: Jes-d.  
 Characteristics: Rare woodland epigeic species (Buchar 1989).
166. *Macrargus rufus* (WIDER, 1834) N R  
 Localities: Cha-bdeps Jes-u Mez-d Noh-p Zhu.  
 Characteristics: Common woodland epigeic hylobiont, at all elevatinos (Buchar 1989).
167. *Mangora acalypha* (WALCKENAER, 1802) N E  
 Localities: Cha-b Luz Map Mrt Pek Tet Vyd.  
 Characteristics: Common species occurring from the herbaceous to the canopy layer, mainly outside of forests (Buchar 1989).
168. *Maro lepidus* CASEMIR, 1961 P RI  
 Localities: Cha-b Mez Vyd.  
 Characteristics: Rare non-forest dwelling epigeic species occurring in wetlands (Buchar 1989).
169. *Maro minutus* (O. P. -CAMBRIDGE, 1906) P RI  
 Locality: Mrt.  
 Characteristics: Epigeic species living in wetlands including peatbogs and forest swamps (Buchar 1989).

170. *Maro sublestus* FALCONER, 1915 P RI  
 Locality: Mrt.  
 Characteristics: Rare woodland epigeic species (Buchar 1989).
171. *Maso sundevalli* (WESTRING, 1851) P R  
 Localities: Cha-beps Cik-s Mal Mrt Pol.  
 Characteristics: Common epigeic species, frequent outside of forest and in wetlands as well (Buchar 1989).
172. *Mastigusa arietina* (THORELL, 1871) P RI  
 Locality: Jes-e.
173. *Meioneta beata* (O. P. -CAMBRIDGE, 1906) P RI  
 Localities: Cha-bddep Jes-e Kri Mrt Vyd.  
 Characteristics: Moderately common non-forest dwelling epigeic species found most frequently in our border mountains (Buchar 1989).
174. *Meioneta mollis* (O. P. -CAMBRIDGE, 1871) N RI  
 Locality: Cha-p.  
 Characteristics: Moderately common non-forest dwelling epigeic species (Buchar 1989).
175. *Meioneta rurestris* (C. L. KOCH, 1836) N E  
 Localities: Buk Cha-bedm Cik Fra Ham Jes Kos Lov Lus Map Mez Mrt Nah Noh Pek Pod Pta Stu Tet Vrc-s Vyd Zhu.  
 Characteristics: Common epigeic species, ubiquitous aeronaut in various stands both in forests and non-forested habitats, in agricultural fields and living synanthropically as well (Buchar 1989).
176. *Meioneta saxatilis* (BLACKWALL, 1844) N E  
 Localities: Cha-bdemps Mrt Vyd.  
 Characteristics: Common epigeic species both in forests and non-forested habitats, in agricultural fields as well (Buchar 1989).
177. *Metellina mengei* (BLACKWALL, 1869) P R  
 Localities: Ant Cha-bmps Cik-s Fra Mal Mrt Nam Noh Nov Pod Rab-pu Vel.  
 Characteristics: Common species occurring both in woods and non-forested habitats on herbs and shrubs (Buchar 1989).
178. *Metellina merianae* (SCOPOLI, 1763) P E  
 Localities: Noh Zhu.  
 Characteristics: Common species living in woodland habitats, shaded areas, on overhanging vegetation on the river banks; hemisynanthropic species (Buchar 1989).
179. *Metopobactrus prominulus* (O. P. -CAMBRIDGE, 1872) P RI  
 Localities: Cha-e (submersed peatmoss) Mrt Vyd.  
 Characteristics: Rare epigeic species both in forests and non-forested habitats (Buchar 1989).
180. *Micaria aenea* THORELL, 1871 P RI  
 Localities: Cha-ep Jes-s.
- Characteristics: Rare woodland epigeic species (Buchar 1989).
181. *Micaria pulicaria* (SUNDEVALL, 1832) N R  
 Localities: Cha-bddep Jes Mrt Noh-m Roy-d.  
 Characteristics: Common epigeic species preferring a variety of non-forested habitats (Buchar 1989).
182. *Micaria silesiaca* L. KOCH, 1875 N RI  
 Locality: Jes-s.  
 Characteristics: Rare epigeic species living in forests as well as non-forested habitats (Buchar 1989).
183. *Micrargus herbigradus* (BLACKWALL, 1854) P E  
 Localities: Cha-bdemps Jes-d Mez Mrt Nam Noh-mp Vel Vyd Zhu.  
 Characteristics: Common epigeic species occurring both in forests and non-forested habitats (Buchar 1989).
184. *Microlinyphia pusilla* (SUNDEVALL, 1830) N E  
 Localities: Ant Cha-bemps Cik-s Jes Kos Kys Lov Lus Map Mrt Tet Veb Vrc-s Vyd.  
 Characteristics: Common epigeic species migrating into higher vegetation strata, in various non-forested habitats including wood-steppes and agricultural fields (Buchar 1989).
185. *Micrommata virescens* (CLERCK, 1757) N R  
 Localities: Ant Buk Cha-bems Ger Ham Hor Kri Kys Lov Mal Map Mrt Nah Nam Nov Pek Pes Pol Pta Rab-pu Srn Stu Vel.  
 Characteristics: Common species occurring from the herbaceous up to the canopy layer (Buchar 1989).
186. *Microneta viaria* (BLACKWALL, 1841) N R  
 Locality: Mrt.  
 Characteristics: Common epigeic hylobiont preferring foliate forests (Buchar 1989).
187. *Minicia marginella* (WIDER, 1834) N R  
 Localities: Cha-ep Jes Map Mez-e Mrt Nam.  
 Characteristics: Moderately common epigeic species occurring in forests as well as non-forested habitats (Buchar 1989).
188. *Minyriolus pusillus* (WIDER, 1834) M R  
 Localities: Cha-deps Mez Mrt Noh-mp.  
 Characteristics: Epigeic hylobiont species, frequent in pine woods, primarily in lichens (Buchar 1989).
189. *Misumena vatia* (CLERCK, 1757) N R  
 Localities: Cha-e Kys.  
 Characteristics: Common species living in forests as well as non-forested habitats, occurring from the herbaceous up to the canopy layer (Buchar 1989).
190. *Moebelia penicillata* (WESTRING, 1851) M R  
 Localities: Mrt Ger.

- Characteristics: Epigeic hylobiont species, frequent in pine woods (Buchar 1989).
191. *Nematogmus sanguinolentus* (WALCKENAER, 1841) T RI  
 Locality: Cha-d.  
 Characteristics: Rare non-forest dwelling epigeic species, presently only in the district of the Mid-Bohemian lowlands (Buchar 1989).
192. *Neon reticulatus* (BLACKWALL, 1853) M R  
 Localities: Cha-be Kri Map Mrt Stu.  
 Characteristics: Common epigeic woodland hylobiont occurring at lower and middle elevations (Buchar 1989).
193. *Neon valentulus* FALCONER 1912 M RI  
 Localities: Mos Mrt Nam.  
 Characteristics: Rare epigeic species occurring both in forests and non-forested habitats (Buchar 1989).
194. *Neriene clathrata* (SUNDEVALL, 1830) N R  
 Localities: Cha-d Kys Mal Mrt.  
 Characteristics: Common epigeic species living in wood areas, also frequent in swamps and on banks (Buchar 1989).
195. *Neriene emphana* (WALCKENAER, 1841) M R  
 Locality: Rab-p.  
 Characteristics: Moderately common woodland species occurring from the herbaceous up to the canopy layer, from lower to mid-elevations (Buchar 1989).
196. *Neriene montana* (CLERCK, 1757) - E  
 Localities: Mrt Vel.  
 Characteristics: Moderately common species found both in forests and non-forested habitats including wetlands, occurring from herbaceous up to the canopy layer, hemisynanthropic species (Buchar 1989).
197. *Neriene peltata* (WIDER, 1834) M R  
 Localities: Cha-bs Mos Stu.  
 Characteristics: Moderately common woodland species occurring from the herbaceous up to the canopy layer in a variety of woods, primarily at higher elevations (Buchar 1989).
198. *Notioscopus sarcinatus* (O.P.-CAMBRIDGE, 1872) P RI  
 Localities: Cha-bdems Ger Jes-du Mez-d Mrt Nam Noh-mp Pod Srn.  
 Characteristics: Moderately common species occurring both in forests and non-forested habitats, in shaded marshes as well as in open areas (Buchar 1989).
199. *Nuctenea silvicolatrix* (C. L. KOCH, 1844) P RI  
 Localities: Cha-bd Cik-s Ham Pol Mrt Nam.  
 Characteristics: Rare woodland species occurring from the herbaceous up to canopy layer in mountain pine woods (Buchar 1989).
200. *Oedothorax agrestis* (BLACKWALL, 1853) M R  
 Localities: Cha-submersed peatmoss Mrt.  
 Characteristics: Moderately common epigeic non-forest dwelling ripicolous species preferring streams (Buchar 1989).
201. *Oedothorax apicatus* (BLACKWALL, 1850) M E  
 Locality: Mez-e.  
 Characteristics: Non-forest dwelling epigeic species dominant in agricultural fields and at early succession stages (Buchar 1989).
202. *Oedothorax gibbosus* (BLACKWALL, 1841) P R  
 Localities: Cha-bdems Map Mez-e Nam Pes Roy-mp Stu Vyd.  
 Characteristics: Common non-forest dwelling species living in moist meadows and in shore growth predominatingly near standing waters (Buchar 1989).
203. *Oedothorax retusus* (WESTRING, 1851) P E  
 Localities: Cha-beps Jes Map Mez-e Mrt Rab-u.  
 Characteristics: Common non-forest dwelling epigeic species primarily in moist meadows (Buchar 1989).
204. *Ostearius melanopygius* (O.P.-CAMBRIDGE, 1871) M E  
 Locality: Vrc-s.  
 Characteristics: Common non-forest dwelling epigeic species, migrant from the west, in cultivated stands (Buchar 1989).
205. *Oxyopes ramosus* (PANZER, 1804) M R  
 Localities: Mrt Pek.  
 Characteristics: Rare epigeic species migrating to higher vegetation strata, in forests as well as non-forested habitats, frequently in heathers (Buchar 1989).
206. *Ozyptila atomaria* (PANZER, 1801) T R  
 Localities: Cha-e Mrt.  
 Characteristics: Moderately common epigeic non-forest dwelling species (Buchar 1989).
207. *Ozyptila trux* (BLACKWALL, 1846) P E  
 Localities: Cha-bdmp Nam Noh-p Rab-u Zhu.  
 Characteristics: Common epigeic species in moist meadows at all elevations (Buchar 1989).
208. *Pachygnatha clercki* SUNDEVALL, 1823 M E  
 Localities: Cha-bm Rab-p.  
 Characteristics: Common epigeic species living both in forests and non-forested areas and preferring moist meadows and coastal habitats (Buchar 1989).
209. *Pachygnatha degeeri* SUNDEVALL, 1830 N E  
 Localities: Cha-e Jes Nam Nov.  
 Characteristics: Common epigeic species occurring in all types of non-forested habitats including edges of woods (Buchar 1989).

210. *Pachynathia listeri* SUNDEVALL, 1830 M R  
 Localities: Ant Cha-bmps Kys Mrt Nam Noh-m Nov Pes Pod Rab-pu Stu Zel.  
 Characteristics: Moderately common epigeic species mostly preferring woodland habitat or bordering areas (Buchar 1989).
211. *Paidiscura pallens* (BLACKWALL, 1834) M R  
 Locality: Cha-b.  
 Characteristics: Moderately common woodland arboreal species living in upper canopy, especially in oaks (Buchar 1989).
212. *Pardosa amentata* (CLERCK, 1757) P E  
 Localities: Ant Bla Cha-m Cik Čas Hor Jas Kys Lak Lov Map Mez-e Mly Mos Mrt Nam Noa Noh-m Pes Pos Pra Rak Ros Sta Sts Šar Sma Tri Veb Vrc-ds.  
 Characteristics: Common non-forest dwelling epigeic species migrating to higher vegetation strata, in moist areas (Buchar 1989).
213. *Pardosa ferruginea* (L. KOCH, 1870) P RI  
 Localities: Cik Jes-s Noa Pra.  
 Characteristics: Rare woodland species (Buchar 1989), found in the Czech Republic only in the Šumava Mts.
214. *Pardosa hyperborea* (THORELL, 1872) P RI  
 Localities: Cha-d Jes-u Mez-d Mrt Roy-d Tma Žda.  
 Characteristics: Rare non-forest dwelling epigeic species dominant in some peatbogs in the Šumava Mts (Buchar 1989). In the Czech Republic found only in the Šumava Mts.
215. *Pardosa lugubris* (WALCKENAER, 1802) N R  
 Localities: Bob Bre Cha-bdep Čas Čer Fra Ham Kap Mrt Mul Noh-p Ols Pek Rak Ros Roy-d Tma Vel Zel Zhu Žda.  
 Characteristics: Common epigeic species occurring both in forests and non-forested habitats (Buchar 1989).
216. *Pardosa nigriceps* (THORELL, 1856) M RI  
 Localities: Jes Zhu.  
 Characteristics: Moderately common epigeic non-forest dwelling species (Buchar 1989).
217. *Pardosa palustris* (LINNAEUS, 1758) N E  
 Localities: Jes Kys.  
 Characteristics: Common non-forest dwelling epigeic species typical in mesophilous meadows, frequent in agricultural fields (Buchar 1989).
218. *Pardosa pullata* (CLERCK, 1757) N E  
 Localities: Ant Bla Bob Buk Cha-emps Cik Čas Čer Ham Haz Hli Jav Jel Jes-e Kap Kot Kri Kys Kyz Luh Luz Mal Map Mez Mly Mos Mrt Mul Noh-m Nov Pek Pes Por Pra Rab-pu Rak Rok Ros Roy-m Spa Spl Srn Sto Stu Sma Te Tma Tri Veb Vrc-d Vyd Zel Žda.  
 Characteristics: Common non-forest dwelling epigeic species occurring in moist meadows and marshes, penetrating to drier habitats, edges of woods and agricultural fields (Buchar 1989).
219. *Pardosa riparia* (C. L. KOCH, 1833) N RI  
 Localities: Bla Bre Buk Cha-demp Cik Čas Čer Gay Ger Ham Jap Jas Jav Jes Kap Kat Kri Kys Luz Mal Map Mez Mrt Mul Noh-p Nom Pek Pra Pta Rok Ros Roy-dm Spa Sto Šma Tet Tma Vrc-d Zhu Žda.  
 Characteristics: Moderately common epigeic species found in rocky steppes, forest clearings and field borders (Buchar 1989).
220. *Pardosa sordidata* (THORELL, 1875) P RI  
 Localities: Ant Bob Cha-bdemp Hli Kys Mez-d Mrt Ols Pes Por Pra Rab-u Rok Ros Vel Zel Zhu Zla.  
 Characteristics: Rare forest dwelling epigeic species migrating to higher vegetation strata, frequent at dispersed edges of woods, especially near treeline (Buchar 1989).
221. *Pardosa sphagnicola* (DAHL, 1908) P RI  
 Localities: Ant Bla Bre Buk Cha-dps Cik Fra Ger Jap Jes-d Hor Kos Los Lov Lus Luz Mal Map Mez Mly Nah Nam Noa Noh-mp Nom Nov Pek Pod Pol Pos Pra Rok Ros Roy-d Srn Sta Sts Šar Sma Tet Tma Vel Vrc-ds Vyd Zel Zhu Žda.  
 Characteristics: Rare non-forest dwelling epigeic species living in mountain peatbogs (Buchar 1989). The species is widely spread in the north-western and central parts of the Šumava Mts. In the south-eastern part it has been recorded in the Vltava Meadow (in the area Pěkná-Záhvodí). The species was not found in the peatbogs situated further east. In the Czech Republic *P. sphagnicola* is widely spread in the peatbogs in border mountains, in low-lying peaterys of the hilly country near Ralsko (northern Bohemia) and in the peatbog Dářko (the Bohemian-Moravian Uplands).
222. *Pelecopsis elongata* (WIDER, 1834) M R  
 Locality: Mrt.  
 Characteristics: Moderately common woodland epigeic species living at edges of woods and in wood clearings (Buchar 1989).
223. *Pelecopsis paralella* (WIDER, 1834) P E  
 Localities: Cha-bm Nam Stu.  
 Characteristics: Moderately common epigeic non-forest dwelling species found in a variety of habitats (Buchar 1989).
224. *Peponocranium orbiculatum* (O. P. -CAMBRIDGE, 1882) N RI  
 Localities: Cha-de Jes-e Mrt.  
 Characteristics: Rare epigeic species occurring in forests as well as in non-forested habitats (Buchar 1989).
225. *Philodromus aureolus* (CLERCK, 1757) M E  
 Localities: Cik-d Kys Mrt.  
 Characteristics: Common species occurring from the herbaceous up to the canopy layer both in forests and non-forested habitats, and in agricultural fields (Buchar 1989).
226. *Philodromus cespitum* (WALCKENAER, 1802) M R  
 Localities: Ger Luz Map Rab-p.  
 Characteristics: Moderately common species occurring from the herbaceous up to canopy layer, mostly in non-forested stands including peatbogs (Buchar 1989).

227. *Philodromus collaris* C. L. KOCH, 1835 N R  
 Localities: Cha-bmp Jes Kys Lus Mez-d Mrt Noh-m Rab-p Tet Vyd.  
 Characteristics: Common woodland species occurring from the herbaceous up to the canopy layer in forests of all types (Buchar 1989).
228. *Philodromus emarginatus* (SCHRANK, 1803) M R  
 Localities: Cha-bdem, Mrt.  
 Characteristics: Moderately common woodland species mostly occurring in trunks of pine trees (Buchar 1989).
229. *Phrurolithus festivus* (C. L. KOCH, 1835) N R  
 Localities: Cha-dep Mrt Rab-u.  
 Characteristics: Epigeic mostly non-forest dwelling species (Buchar 1989).
230. *Pirata hygrophilus* THORELL, 1872 P R  
 Localities: Ant Bob Buk Cha-bdemp Fra Ger Haz Hli Hor Jes Kos Kot Kys Kyz Lak Lov Luh Mez-d Mos Mrt Nam Noh-mp Nov Ols Pes Por Rab-pu Ros Srn Stu Šma Veb Vel Vyd Zhu.  
 Characteristics: Common epigeic species living in forests as well as non-forested areas preferring moist and shaded habitats including rank meadow vegetation (Buchar 1989).
231. *Pirata latitans* (BLACKWALL, 1841) M E  
 Localities: Cha-bdeps Jes Mez-e Vyd Zhu.  
 Characteristics: Non-forest dwelling epigeic species living in wet meadows and coastal vegetation (Buchar 1989).
232. *Pirata piraticus* (CLERCK, 1757) P E  
 Localities: Bla Buk Cha-bms Cik Fra Gay Ham Jas Jes-d Kos Lov Lus Map Mez-e Mos Nam Noh-m Rok Ros Sta Sts Stu Šma Tet Vrc-s Vyd Zhu Zla.  
 Characteristics: Fairly common non-forest dwelling epigeic species living on the shores of ponds and pools including transient provisional man-made structures and peatbogs (Buchar 1989).
233. *Pirata uliginosus* (THORELL, 1856) P RI  
 Localities: Bob Bre Buk Cha-bdemp Fra Jel Jes-du Kap Kot Kys Mal Mez-d Mly Mrt Mul Nam Noh-mp Ols Pek Por Rab-pu Ros Roy-dp Spa Spl Šar Vyd Zhu Žda.  
 Characteristics: Moderately common non-forest dwelling epigeic species found in great abundance only in peatbogs (Buchar 1989).
234. *Pisaura mirabilis* (CLERCK, 1757) N E  
 Localities: Haz Kys Ols Pek Veb.  
 Characteristics: Moderately common species occurring both in forests and non-forested areas occurring from the herbaceous up to the canopy layer, primarily at lower elevations in a variety of habitats including secondary stands (Buchar 1989).
235. *Pityophyphantes phrygianus* (C. L. KOCH, 1836) P R  
 Localities: Ant Buk Cha-bemps Cik-s Fil Fra Ger Ham Hor Kos Kys Lov Lus Map Mez-d Mos Mrt Nah Nam Noh-p Nov Pol Pod Pra Pta Rab-p Stu Vrc-ds Zhu Žda.  
 Characteristics: Common woodland species typically found in branches of spruce trees (Buchar 1989).
236. *Pocadicnemis pumila* (BLACKWALL, 1841) N E  
 Localities: Cha-dep Ger Kos Kys Mrt Nam Srn Stu.  
 Characteristics: Rare woodland epigeic species (Buchar 1989).
237. *Porrhomma campbelli* F. O. P. -CAMBRIDGE, 1894 P RI  
 Locality: Mrt.  
 Characteristics: Rare non-forest dwelling epigeic species in considerably moist non-forested habitats (Buchar 1989).
238. *Porrhomma convexum* (WESTRING, 1861) P RI  
 Locality: Mrt.  
 Characteristics: Rare non-forest dwelling epigeic species on banks of mountain streams (Buchar 1989).
239. *Porrhomma egeria* SIMON, 1884 P RI  
 Locality: Cha-be.  
 Characteristics: Rare epigeic species occurring both in forests and non-forested habitats (Buchar 1989)
240. *Porrhomma montanum* JACKSON, 1913 P RI  
 Localities: Cha-b Mrt Rab-u.  
 Characteristics: Rare non-forest dwelling epigeic species (Buchar 1989).
241. *Porrhomma pallidum* JACKSON, 1913 P R  
 Localities: Cha-s Jes Mrt.  
 Characteristics: Moderately common epigeic species occurring both in forests and non-forested habitats at middle and higher elevations (Buchar 1989).
242. *Porrhomma pygmaeum* (BLACKWALL, 1834) P R  
 Localities: Mrt Rab-u.  
 Characteristics: Rare epigeic species occurring both in forests and non-forested habitats, also penetrating to the secondary habitats considerably influenced by man (Buchar 1989).
243. *Robertus arundineti* (O. P. -CAMBRIDGE, 1871) N E  
 Locality: Mrt.  
 Characteristics: Common non-forest dwelling epigeic species occurring in a variety of habitats including peatbogs (Buchar 1989).
244. *Robertus lividus* (BLACKWALL, 1836) P R  
 Localities: Cha-bdep Jes-d Mez Mrt Noh-mp Pol Rab-p Roy-m Zhu.  
 Characteristics: Considerably common species living in forests and in their neighbouring areas (Buchar 1989).
245. *Robertus scoticus* JACKSON, 1914 P RI  
 Localities: Cha-bes Jes-d Zel Zhu Zla.  
 Characteristics: Rare epigeic species living in moors and peatmoss both in forests and non-forested habitats (Buchar 1989).

246. <i>Saaristoa abnormis</i> (BLACKWALL, 1841)	P RI	Characteristics: Common epigeic species living mostly in considerably damp non-forested habitats (Buchar 1989).
Localities: Cha-b Mrt Stu.		
Characteristics: Rare woodland epigeic species (Buchar 1989).		
247. <i>Salicus cingulatus</i> (PANZER, 1797)	M R	258. <i>Tapinocyba affinis</i> LESSERT, 1907 P R
Localities: Cha-beps Cik-d Kys Lus Mrt Pol.		Localities: Cha-de Mrt Noh-p Zhu.
Characteristics: Moderately common arboreal species living mostly outside of forests (Buchar 1989).		Characteristics: Moderately common woodland epigeic hylobiont (Buchar 1989).
248. <i>Savignya frontata</i> BLACKWALL, 1833	--	259. <i>Taranucnus setosus</i> (O. P. -CAMBRIDGE, 1863) M RI
Locality: Mrt.		Locality: Mrt.
Characteristics: Second recorded finding in Bohemia (Nosek 1895: Fr. Lázně).		
249. <i>Scotina palliardi</i> (L. KOCH, 1881)	N RI	260. <i>Tetragnatha dearmata</i> THORELL, 1873 M R
Localities: Cha-d Jes-u Mrt.		Locality: Mrt.
Characteristics: Moderate common species occurring from herbs up to the canopy layer both in forests and non-forested habitats including riversides (Buchar 1989).		
250. <i>Silometopus elegans</i> (O. P. -CAMBRIDGE, 1872)	P RI	261. <i>Tetragnatha extensa</i> (LINNAEUS, 1758) M R
Localities: Cha-m Noh-m Vyd.		Localities: Cha-bms Kys Lus Map Mrt Nam Noh-m Roy-p Vrc-s Vyd.
Characteristics: Rare non-forest dwelling epigeic species occurring in moist meadows and on coast (Buchar 1989).		Characteristics: Common non-forest dwelling species occurring from herbs up to the canopy, at all elevations, most frequently on coastal vegetation (Buchar 1989).
251. <i>Sintula corniger</i> (BLACKWALL, 1856)	P RI	262. <i>Tetragnatha montana</i> SIMON, 1874 M R
Localities: Cha-bd Pol Mrt Zhu.		Locality: Rab-p.
Characteristics: Rare non-forest dwelling epigeic species living in moist meadows and peatbogs at higher elevations (Buchar 1989).		Characteristics: Common species in forests as well as non-forested habitats occurring from the herbaceous up to canopy layer (Buchar 1989).
252. <i>Sitticus caricis</i> (WESTRING, 1861)	P RI	263. <i>Tetragnatha obtusa</i> C. L. KOCH, 1837 M R
Locality: Mrt.		Localities: Kys Kyz Mrt Rab-p.
Characteristics: Moderately common non-forest dwelling epigeic species occurring from the herbaceous up to the canopy layer in wetlands including peatbogs (Buchar 1989).		Characteristics: Moderately common woodland species occurring from the herbaceous up to the canopy layer (Buchar 1989).
253. <i>Steatoda phalerata</i> (PANZER, 1801)	N R	264. <i>Tetragnatha pinicola</i> L. KOCH, 1870 N R
Locality: Cha-e.		Localities: Cha-bms Mrt Nam.
Characteristics: Moderately common non-forest dwelling epigeic species in a variety of habitats (Buchar 1989).		Characteristics: Common species preferring drier habitats, frequent on trees and shrubs (Buchar 1989).
254. <i>Stemonyphantes conspersus</i> (L. KOCH, 1879)	P RI	265. <i>Thanatus striatus</i> C. L. KOCH, 1845 P R
Locality: Jes - edge of peat bog on lower branches of solitary spruce (Buchar 1989).		Locality: Cha-m.
Characteristics: Moderately common non-forest dwelling epigeic species (Buchar 1989).		Characteristics: Moderately common non-forest dwelling epigeic species living in moist meadows and coastal growths (Buchar 1989).
255. <i>Stemonyphantes lineatus</i> (LINNAEUS, 1758)	N E	266. <i>Theonoe minutissima</i> (O. P. - CAMBRIDGE, 1879) - RI
Locality: Cha-dp.		Locality: Cha-b.
Characteristics: Moderately common non-forest dwelling epigeic species (Buchar 1989).		Characteristics: Rare non-forest dwelling epigeic species (Buchar 1989).
256. <i>Synageles venator</i> (LUCAS, 1836)	M E	267. <i>Theridion bimaculatum</i> (LINNAEUS, 1758) N E
Localities: Cha-bm Nam Mrt Pol.		Localities: Cha-bems Ham Map Mrt Rab-p Vyd.
Characteristics: Woodland species occurring from the herbaceous up to the canopy layer, at edges of woods at lower elevations, hemisynthropic (Buchar 1989).		Characteristics: Euryek epigeic species migrating to higher layers, common both in forests and non-forested habitats (Buchar 1989).
257. <i>Tallusia experta</i> (O. P. -CAMBRIDGE, 1871)	P R	
Localities: Cha-bdmep Jes-d Mez-e Mrt Noh-m Vyd.		

268. *Theridion impressum* L. KOCH, 1881 N E  
 Localities: Cha-m Lusz Map Mrt Roy-p Tet Vrc-s.  
 Characteristics: Common species occurring from the herbaceous up to the canopy layer, in a variety non-forested stands including fields (Buchar 1989).
269. *Theridion sisypium* (CLERCK, 1757) N E  
 Localities: Ant Bob Cha-e Ger Kos Kys Map Mos Mrt Nam Pol Rab-p Ros Tet Vrc-s.  
 Characteristics: Common species occurring from the herbaceous up to the canopy layer, both in forests and non-forested habitats including agricultural fields (Buchar 1989).
270. *Theridion tinctum* (WALCKENAER, 1802) N R  
 Localities: Rab-p Srn.  
 Characteristics: Moderately common species living on herbs and branches including rocky wood-steppes (Buchar 1989).
271. *Theridion varians* HAHN, 1833 N E  
 Localities: Buk Cha-bdep Ham Kos Mrt Nam Noh-pb Pek Pol Rab-p Srn Tet Vel Zhu Žda.  
 Characteristics: Common species occurring from the herbaceous to the canopy layer in a variety of ecosystems both in forests and non-forested habitats (Buchar 1989).
272. *Thyreosthenius parasiticus* (WESTRING, 1851) P E  
 Localities: Cha-bs Noh-p.  
 Characteristics: Moderately common epigeic species migrating to vegetation strata, in forests as well as non-forested habitats, also living synantropically (Buchar 1989).
273. *Tiso vagans* (BLACKWALL, 1834) P R  
 Localities: Cha-b Mrt Pes.  
 Characteristics: Moderately common epigeic species, living most frequently in not very cultivated meadows, mainly at higher elevations (Buchar 1989).
274. *Trematocephalus cristatus* (WIDER, 1834) N R  
 Locality: Cha-s.  
 Characteristics: Widely spread, mostly arboreal woodland species (Buchar 1989).
275. *Tricca lutetiana* (SIMON, 1876) T RI  
 Locality: Cha-e.  
 Characteristics: Rare epigeic species occurring mostly at edges of warm oak forests, primarily in the western part of the Mid-Bohemian lowlands district (Buchar 1989).
276. *Trochosa ruricola* (DEGEER, 1778) M E  
 Locality: Mrt.  
 Characteristics: Common non-forest dwelling epigeic species, primarily in coastal growths, also penetrating to agricultural fields and to human habitations (Buchar 1989).
277. *Trochosa spinipalpis* (F. O. P.-CAMBRIDGE, 1895) P R  
 Localities: Jes-deu Kys Kyz Lus Mrt Nam Noh-mp Rab-u Veb Vyd Zhu.
- Characteristics: Common non-forest dwelling epigeic species occurring in peatbogs and other types of wetlands (Buchar 1989).
278. *Trochosa terricola* THORELL, 1856 N E  
 Localities: Cha-bdemps Jes Mal Mez Mrt Noh-mp Rab-u Roy-dm Sts.  
 Characteristics: Epigeic species living in warm wood edges, rocky steppes as well as in agricultural fields, both in forests and non-forested habitats (Buchar 1989).
279. *Troxochrus nasutus* SCHENKEL, 1925 P RI  
 Locality: Mrt.  
 Characteristics: Rare woodland species (Buchar 1989).
280. *Walckenaeria antica* (WIDER, 1834) N R  
 Localities: Cha-bdep Ham Jes-de Kos Kri Mez Mrt Nam Noh-mp Nov Srn Stu Vyd Zhu.  
 Characteristics: Common epigeic non-forest dwelling species occurring in dry as well as moist habitats, also in agricultural fields (Buchar 1989).
281. *Walckenaeria atrotibialis* (O.P.-CAMBRIDGE, 1878) M R  
 Localities: Bob Cha-bep Mrt Noh-mp.  
 Characteristics: Common epigeic species living in a variety of habitats including rocky steppes and peatbogs (Buchar 1989).
282. *Walckenaeria cucullata* (C. L. KOCH, 1836) P R  
 Localities: Cha-dep Mez Zhu.  
 Characteristics: Common epigeic species in leaf-litter in a variety of woods and in heathers (Buchar 1989).
283. *Walckenaeria cuspidata* (BLACKWALL, 1833) P R  
 Localities: Cha-bd Vyd.  
 Characteristics: Moderately common epigeic species occurring both in forests and non-forested habitats, preferring moist stands including peatbogs (Buchar 1989).
284. *Walckenaeria dysderoides* (WIDER, 1834) N R  
 Localities: Cha-bdes Mez-d Noh-p Zhu.  
 Characteristics: Moderately common species living on ground surface in a variety of stands both in forests and non-forested areas including xerothermic habitats (Buchar 1989).
285. *Walckenaeria kochi* (O. P. -CAMBRIDGE, 1872) P RI  
 Localities: Cha-bm Mrt.  
 Characteristics: Moderately common epigeic species occurring in a variety of wetlands including wooded areas (Buchar 1989).
286. *Walckenaeria mitrata* (MENGE, 1868) N R  
 Localities: Cha-bdp Jes-d Mez-d Mrt Noh-p.  
 Characteristics: Moderately common non-forest dwelling epigeic species in a variety of habitats (Buchar 1989).

287. *Walckenaeria nodosa* O. P. -CAMBRIDGE, 1873 P RI  
 Localities: Cha-m Jes Mez-d Noh-m.  
 Characteristics: Rare epigeic species occurring both in forests and non-forested stands, in considerably moist habitats (Buchar 1989).
288. *Walckenaeria nudipalpis* (WESTRING, 1851) P R  
 Localities: Cha-bdep Jes-de Mez Mrt Noh-p Vyd Zhu.  
 Characteristics: Common epigeic species in wetlands and shaded woodland habitats (Buchar 1989).
289. *Walckenaeria obtusa* BLACKWALL, 1836 P R  
 Localities: Cha-d Noh-p.  
 Characteristics: Common epigeic species found mostly in mountain forests (Buchar 1989).
290. *Walckenaeria unicornis* O. P. -CAMBRIDGE, 1861 M R  
 Locality: Mez-e.  
 Characteristics: Rare epigeic species occurring in wetlands (Buchar 1989).
291. *Xerolycosa nemoralis* (WESTRING, 1861) N R  
 Localities: Cha-e Čer Mez Mly Mrt Noh-bp Rab-p Roy-d Tma.  
 Characteristics: Common epigeic species found primarily in sunny edges of coniferous woods (Buchar 1989).
292. *Xysticus acerbus* THORELL, 1872 N RI  
 Locality: Zhu.  
 Characteristics: Rare epigeic species also migrating to higher strata (Buchar 1989).
293. *Xysticus audax* (SCHRANK, 1803) N E  
 Localities: Cha-bdp Ger Mrt Nam Pek Srn Zhu.  
 Characteristics: Common epigeic species also migrating to higher strata, both in forests and non-forested habitats (Buchar 1989).
294. *Xysticus bifasciatus* C. L. KOCH, 1837 N E  
 Localities: Cha-m Noh-p Roy-m.  
 Characteristics: Common epigeic species also migrating to higher strata, both in forests and non-forested habitats, at all elevations (Buchar 1989).
295. *Xysticus cristatus* (CLERCK, 1757) N E  
 Localities: Buk Fra Kos Kys Lus Map Mos Pes Pol Rab-pu Rok Stu Vel.  
 Characteristics: Common epigeic species also migrating to higher vegetation strata, occurring both in forests and non-forested habitats as well as in fields (Buchar 1989).
296. *Xysticus luctuosus* (BLACKWALL, 1836) N R  
 Localities: Cha-bdep Mez-e Noh-p.
297. *Xysticus sabulosus* (HAHN, 1832) - RI  
 Locality: Jes-e.  
 Characteristics: Rare non-forest epigeic species also mi-
- grating to higher vegetation strata; found in peatbogs (Buchar 1989).
298. *Xysticus ulmi* (HAHN, 1831) M R  
 Localities: Haz Kys Kyz Pes Rab-u  
 Characteristics: Moderately common woodland epigeic species migrating to higher vegetation strata, living on vegetation of less dense stands (Buchar 1989).
299. *Zelotes clivicola* (L. KOCH, 1870) P R  
 Localities: Cha-bdep Noh-p Zhu.  
 Characteristics: Moderately common epigeic species occurring primarily in wooded areas at mid-elevations (Buchar 1989).
300. *Zelotes latreillei* (SIMON, 1778) N R  
 Localities: Cha-e Mrt Rab-u Vyd.  
 Characteristics: Common epigeic species preferring non-forested habitats (Buchar 1989).
301. *Zelotes subterraneus* (C. L. KOCH, 1833) N R  
 Localities: Cha-p Noh-p Rab-u.  
 Characteristics: Common epigeic species occurring in forests as well as non-forested habitats (Buchar 1989).
302. *Zora nemoralis* (BLACKWALL, 1861) N R  
 Localities: Cha-bdep Noh-p Zhu.  
 Characteristics: Moderately common epigeic species living both in forests and non-forested habitats (Buchar 1989).
303. *Zora silvestris* KULCZYNSKI, 1897 - R  
 Localities: Cha-bdep Ham Jes Mrt Nam Noh-mp Rab-pu Srn.  
 Characteristics: Moderately common epigeic species occurring both in forests and non-forested habitats (Buchar 1989).
304. *Zora spinimana* (SUNDEVALL, 1833) N R  
 Localities: Cha-bdempes Hor Kys Mez-d Nam Noh-p Nov Pes Pod Pol Rab-pu Srn Vel.  
 Characteristics: Common epigeic species occurring both in forests and non-forested habitats including wetlands (Buchar 1989).
305. *Zygiella montana* (C. L. KOCH, 1834) P E  
 Localities: Ant Cha-bs Cik-s Ham Nam Vrc-s.  
 Characteristics: Rare woodland species occurring from the herbaceous up to the canopy layer, sometimes existing synanthropically (Buchar 1989).

## Characteristics of the spider communities inhabiting peatbogs in the Šumava Mts region

### Species spectrum

In the territory of Bohemia approximately 700 spider species have been documented at the present time. (Buchar's 1992 check-list gives 689 species and at least 10 additional species have been found since that publication). The 305 spider species found in the peatbogs of the Šumava Mts account for 44% of the species spectrum of the Bohemian spider fauna. This proportion is rather high considering that the peatbogs are considered extreme habitats with low diversity. Some of the additional spider species are assumed to occur in some briefly investigated localities. On the other hand, some spider species were found only in the peripheral habitats out of the peatery (for instance an alder grove, reeds or stand of *Spiraea salicifolia* in the peatbog Mrtvý luh etc.).

### Relictness

The spider fauna in the respective peatbogs was characterized by a relatively high degree of relictness (RI: 97 species - 31.8%, R: 146 species - 47.9%, RI+R: 243 species - 79.7%). The expansive component amounted to 56 species, i.e. 18.4%.

Quantitative analysis of the epigeic samples obtained by pitfall trapping in some completely explored areas showed high incidence of the relict species (RI+R) in central parts of the peatbogs whereas the degree of relictness of the spider fauna in the peripheral zones was usually low:

Locality	peatery		peripheral zones	
	RI+R	E	RI+R	E
Mrtvý luh	80-90%	8-19%	64%	30-35%
Chalup.slat'	70-96%	3-28%	3-28%	26-63%
Zhůřská slat'	88%	12%	--	
Mezilesní slat'	80%	19%	--	
Novohůrecké r.	96% 4%	36%	64%	

### Thermopreference

The climatic/ecological components were represented by 134 psychophilic (43.9%), 101 nonspecific (33.1%), 54 mesothermic (17.7%) and 5 thermophilic species (1.6%). The psychophilic spider species made up most of the relict component. The thermophilic species amounted to an insignificant number of the total sample, as they occurred very sporadically and were found to be receding in the quantitative epigeic samples.

### Findings of faunistic and zoogeographic importance

Research in the peatbogs of the Šumava Mts, carried out

from 1959 - 1995, contributed new, important findings and data to the knowledge of Bohemian as well as Mid-European spider fauna.

a) Seven species of the Bohemian spider fauna found in the peatbogs of the Šumava Mts have been new to Bohemia: *Arctosa alpigena lamperti* (Buchar 1963), *Clubiona norvegica* (Buchar 1963), *Dictyna major* (Kasal 1981), *Gnaphosa badia* (Buchar 1963), *Gnaphosa microps* (Buchar 1963), *Haplodrassus moderatus* (Kůrka 1990), *Pardosa hyperborea* (Buchar 1963).

b) Four species have so far only been found in the Czech Republic in the peatbogs of the Šumava Mts:

*Clubiona norvegica*. Found only in six localities (Jes-du, Noh-p, Roy-p, Srn, Vrc-s and Vyd) located in higher elevations (830 - 1220 m a.s.l.) in the north-western and central parts of the Šumava Mts.

*Dictyna major*. Extremely rare species in our country presently found only in two peatbogs in the Šumava Mts (Jes, Mrt: Kasal 1976, 1981).

*Gnaphosa microps*. Findings in eight localities of various parts of the Šumava Mts (Cha-bdemp, Jes-du, Mez-d, Mrt, Mul, Nam, Noh-mp and Roy-dm) indicate wide distribution of this typhobiont relict species in the whole Šumava region.

*Pardosa hyperborea*. This rare typhobiont and relict wolf spider was found in mountain peateries (Cha-d, Jes-u, Mez-d, Roy-d, Tma, Žda) and in one valley peatbog (Mrt) only in the unshaded habitats.

### Summary

1. In the present paper the current knowledge of the spider communities (Araneida) occurring in the peatbogs located in the Šumava Mts are given. The data obtained by the author in 1980 - 1995 are compiled with data of other investigators.

2. A total of 35,152 specimens belonging to 305 spider species were collected in 83 localities. The species spectrum amounted to 44% of the total number of spider species found in the territory of Czech Republic so far. The spider species inhabiting the respective peateries are listed in the survey.

3. The relict component, which included 243 species (79.7%) markedly dominated in the quantitative epigeic samples within peateries. On the contrary, the expansive component was higher in the peripheral zones.

4. The psychophilic component dominated both in the number of species (134, i.e. 43.9 %) and in the quantitative epigeic samples obtained by pitfall trapping. The nonspecific component was also represented a large proportion of the samples (101 species, i.e. 33.1%).

5. Seven species of the Bohemian spider fauna found in the peatbogs of the Šumava Mts from 1959 - 1995 have been new to Bohemia: *Arctosa alpigena lamperti*, *Clubiona norvegica*, *Dictyna major*, *Gnaphosa badia*, *Gnaphosa microps*, *Haplodrassus moderatus*, *Pardosa hyperborea*. Four species have so far only been found in the Czech Republic in the peatbogs of the Šumava Mts: *Clubiona norvegica*, *Dictyna major*, *Gnaphosa microps* and *Pardosa hyperborea*.

## Acknowledgements

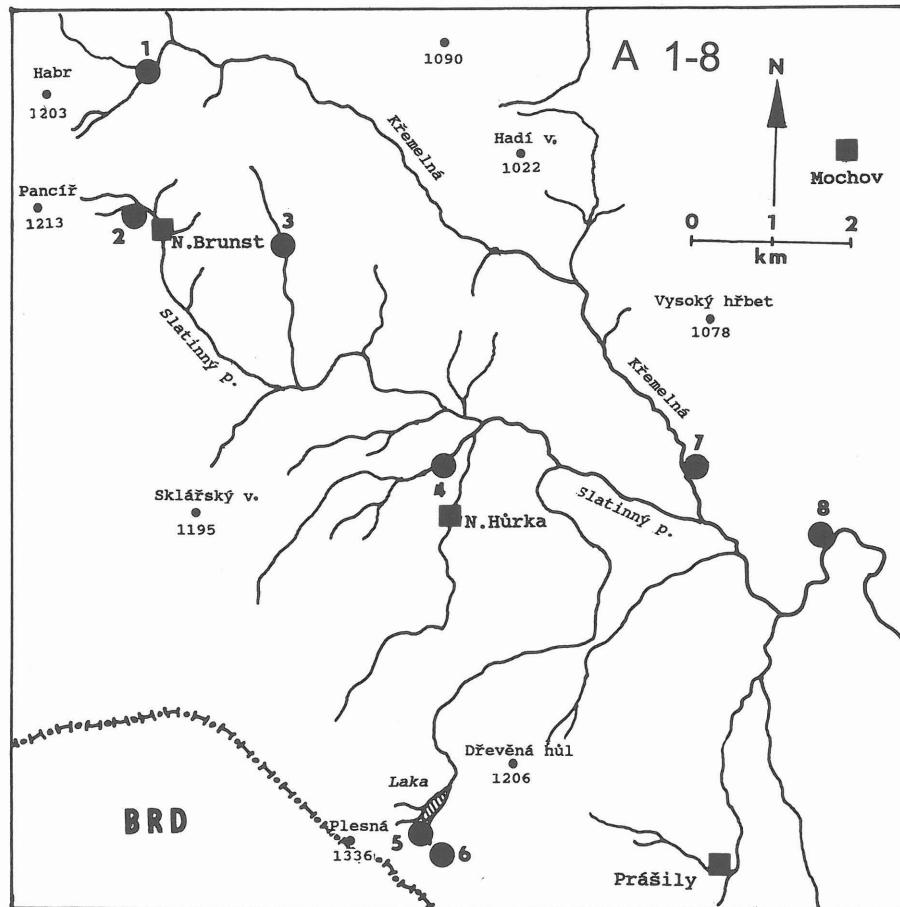
I am most grateful to Professor RNDr. Jan Buchar, DrSc. for his valuable advice, help in the determination of the spider material and revision of the manuscript. I also wish to thank all my colleagues for their help in the field in the elaboration of this work.

## References

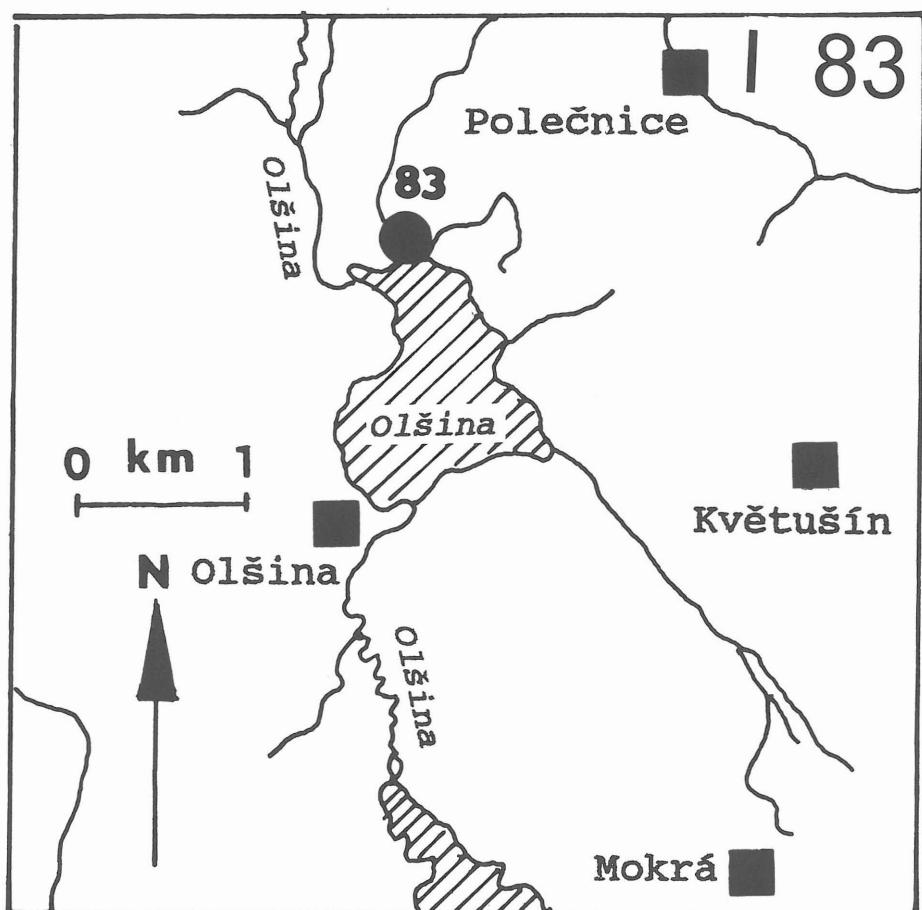
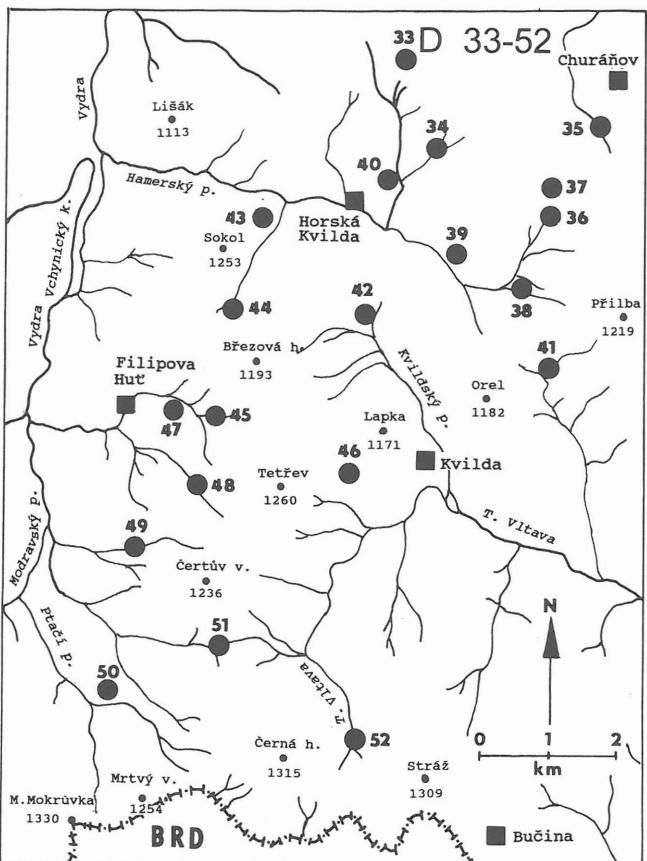
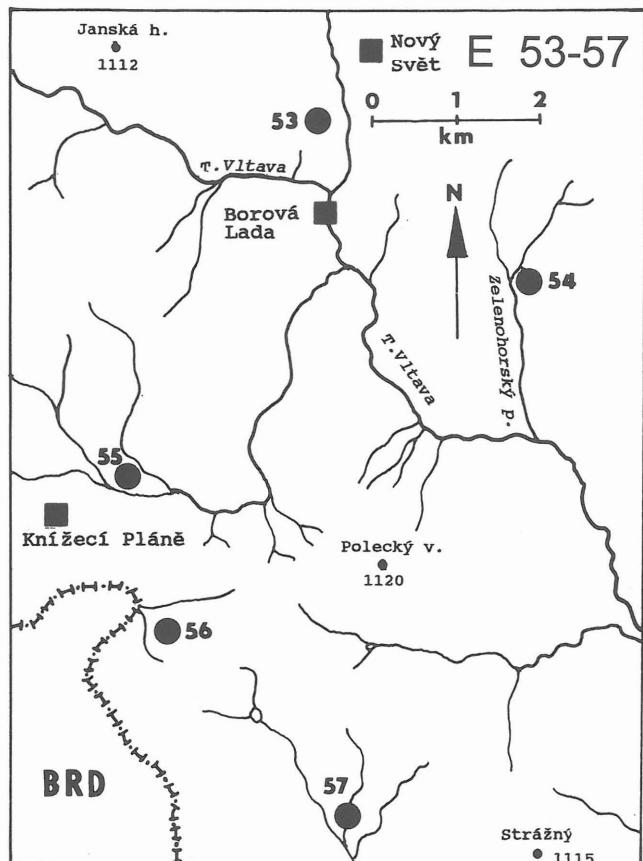
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## Appendix

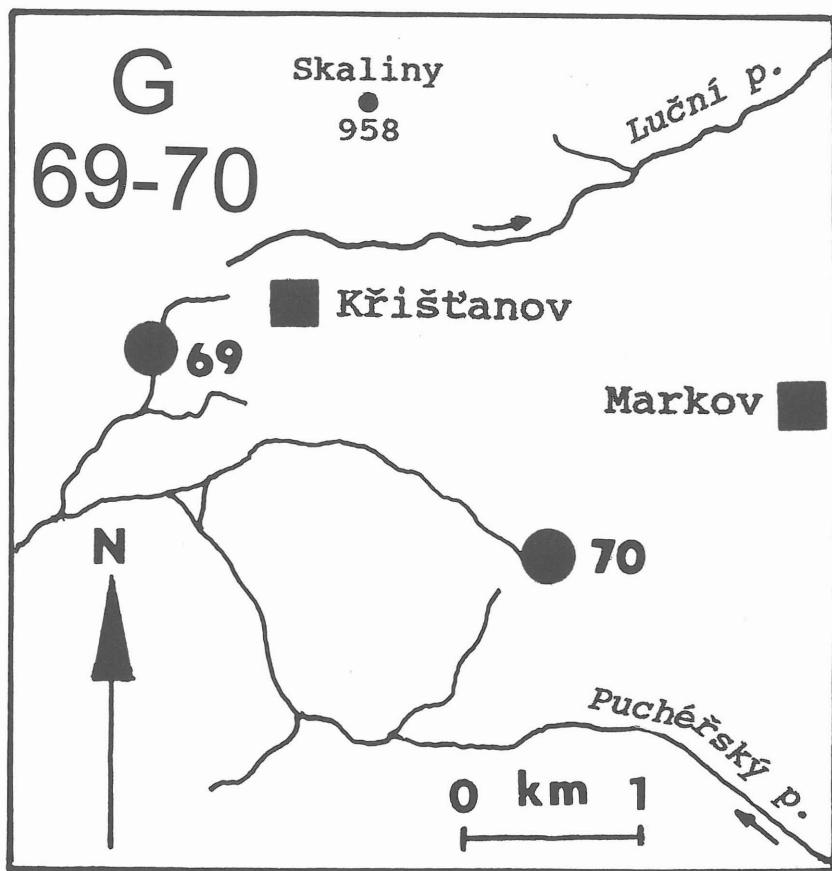
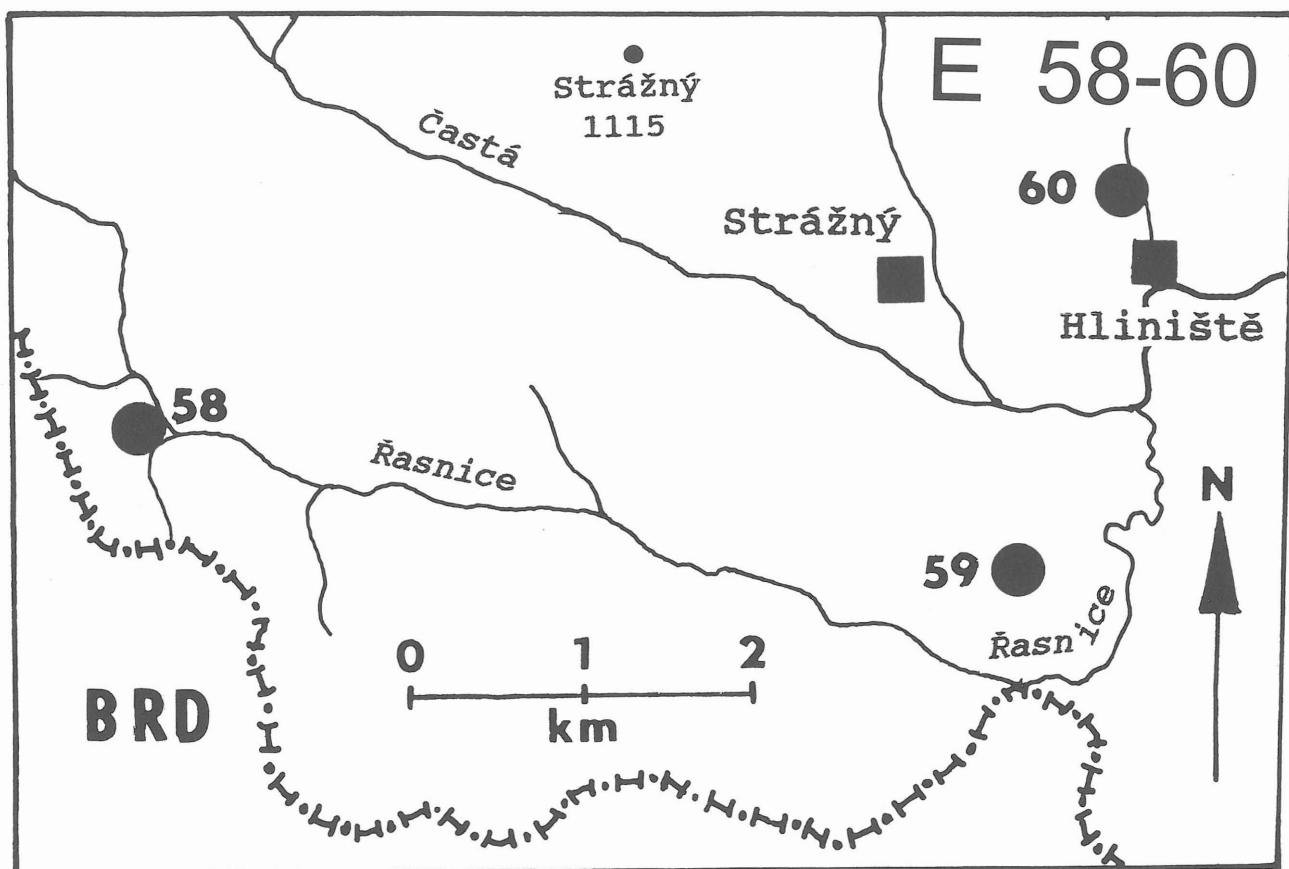
### Maps of the investigated areas.



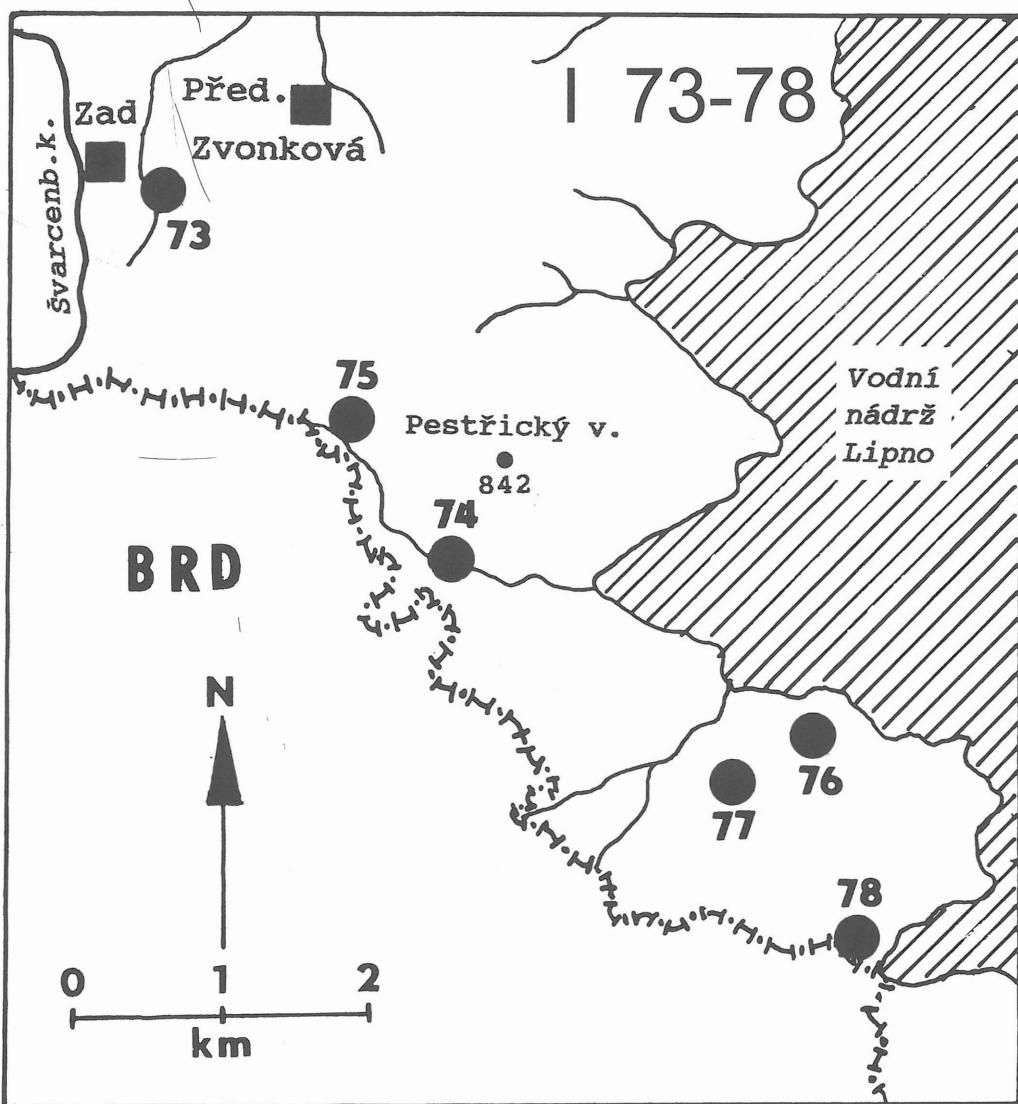
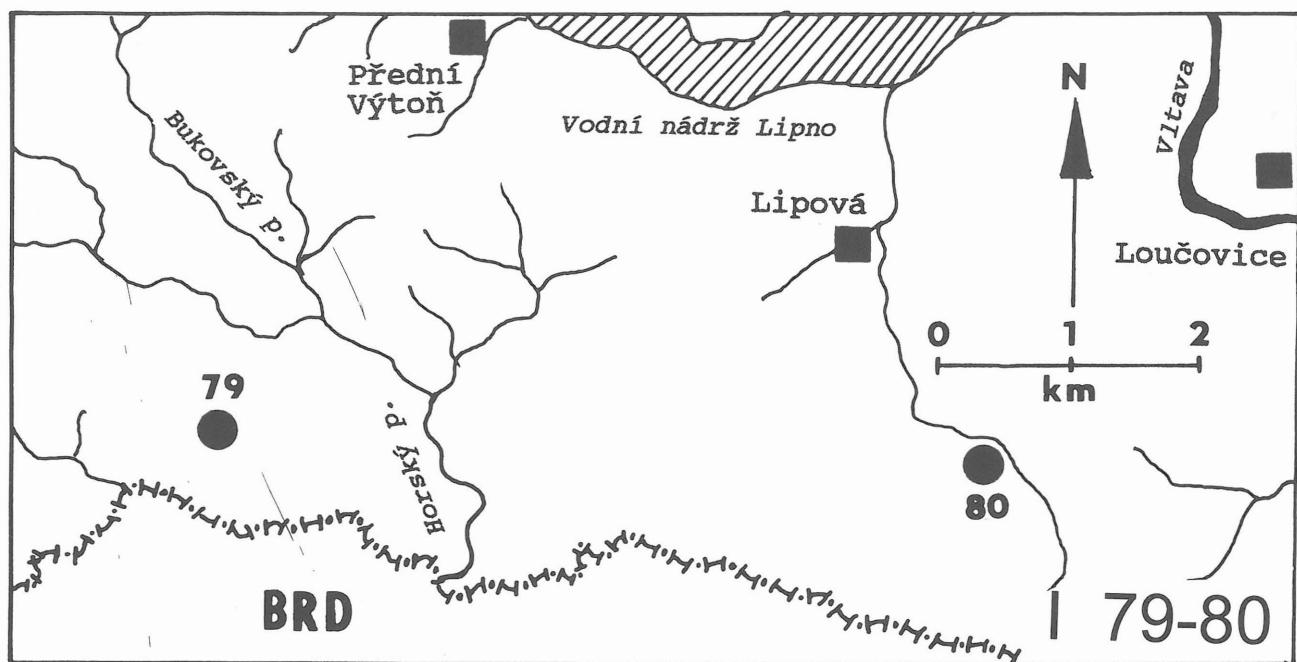
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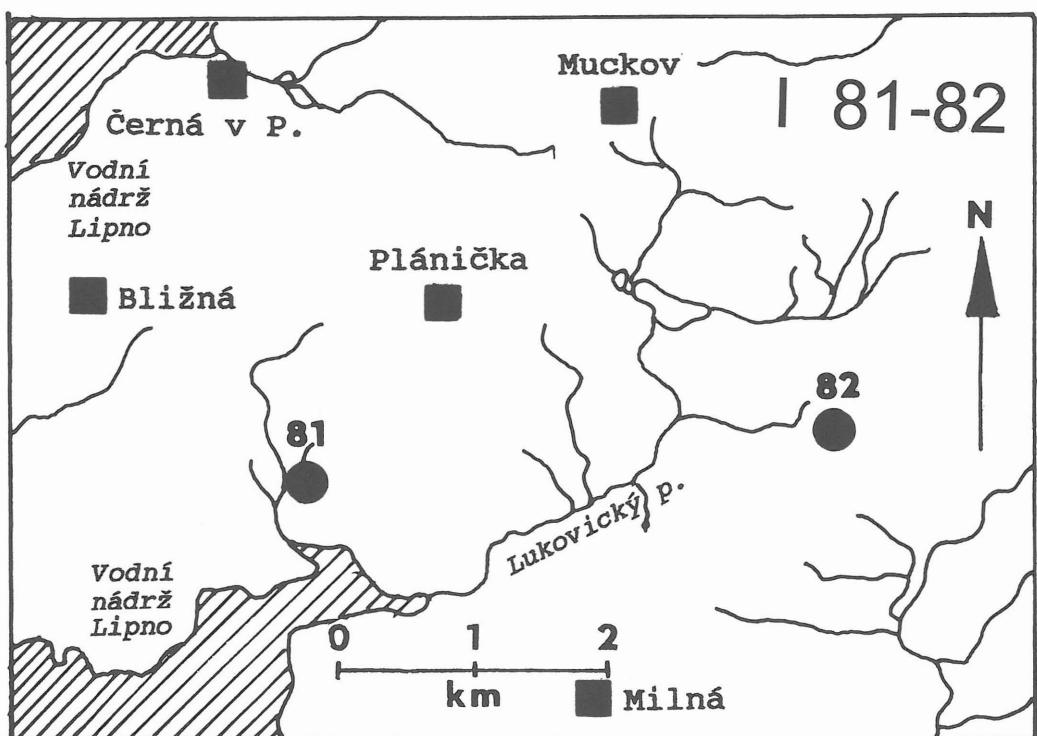
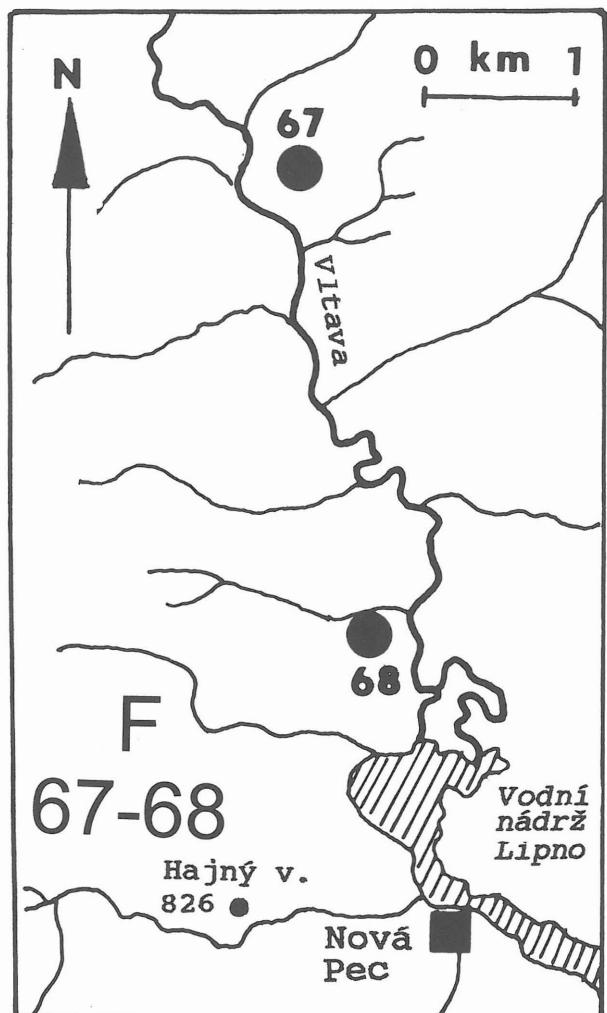
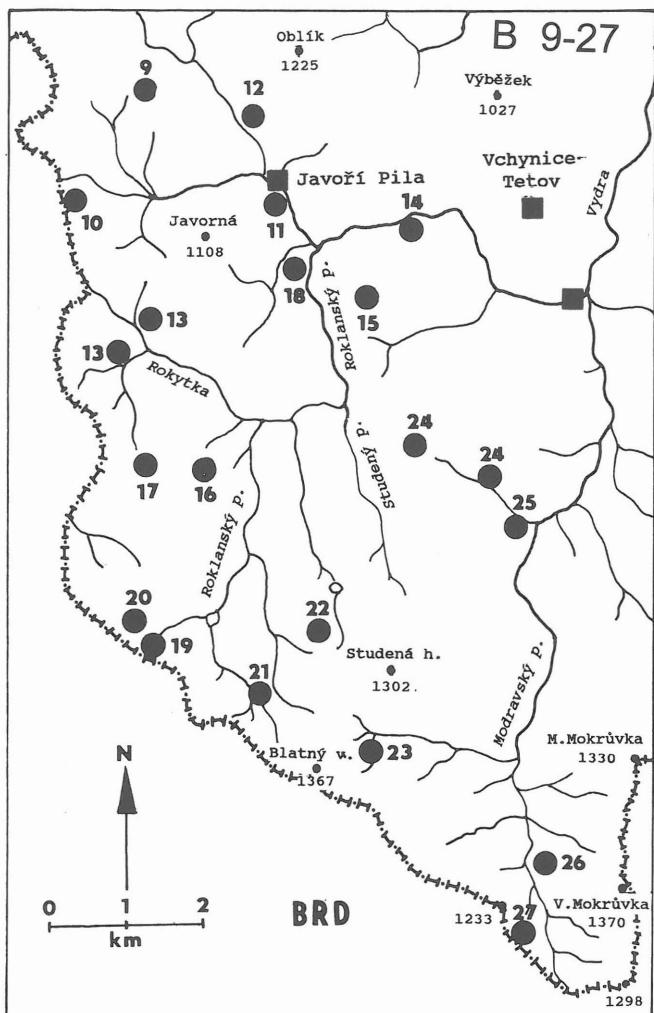
Maps of the investigated areas.



Maps of the investigated areas.



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