

## BODEMBEWONENDE SPINNEN, HOOIWAGENS EN BASTAARDSCHORPIOENEN IN HET HOOGVEENRESERVAAT "HET BARGERVEEN" EN HET "OOSTERBOS"

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### ABSTRACT

A complete list is presented of all spiders, opilionids and pseudoscorpions collected during inventories with pitfall traps in two reserves in the province of Drenthe, the Netherlands, viz. the peat-bog reserve 'Bargerveen' and the nearby 'Oosterbos'. The relative abundances for the different habitat types (coniferous forest, deciduous forest, *Erica/Molinia*-vegetation, wet *Sphagnum*-vegetation, partly inundated *Sphagnum*-vegetation) are given as well as the total number of specimens collected.

Key-words: Araneae, Opiliones, opilionids, peat-bog, Pseudoscorpiones, pseudoscorpions, spiders.

### DE SOORTENLIJST

In de vorige aflevering van Spined zijn door mij reeds de twee onderzochte terreinen, het hoogveenreservaat "Bargerveen" en het nabij gelegen "Oosterbos", en de methode van onderzoek beschreven. In tabel 1 wordt de lijst gepresenteerd van alle gevonden soorten spinnen, hooiwagens en bastaardschorpioenen en hun biotoopvoorkeuren. In de eerste vijf kolommen staan de percentages van het totaal aantal dieren dat in de verschillende terreintypen werd gevangen. De laatste kolom (T) geeft het totaal aantal gevangen dieren weer. Achter de naam van de soort is aangegeven of de soort in het Oosterbos (o), het Bargerveen (b) of in beide terreinen (ob) is aangetroffen.

### VOORTGEZET ONDERZOEK

In een vervolg-onderzoek, dat in 1997 is begonnen, werden nog drie soorten spinnen in het Bargerveen aangetroffen: *Araeoncus crassiceps* (Westring), *Ceratinopsis stativa* (Simon) en *Oedothorax apicatus* (Blackwall).

In het Oosterbos en het Bargerveen zijn nu respectievelijk 197 en 180 soorten aangetroffen. Van het Molenven (Van Damme et al., 1959) zijn 96 soorten, van het Kootwijkerveen (Van Helsdingen, 1976) 114 soorten en van het Peel-gebied (Van Helsdingen, 1976, 1981) 85 soorten bekend. De gegevens kunnen echter moeilijk met elkaar vergeleken worden. In de drie genoemde gebieden is immers minder intensief verzameld en met verschillende vangtechnieken. In het hier beschreven onderzoek gaat het alleen over bodemactieve dieren verkregen met behulp van vangpotten.

### LITERATUUR

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Tabel 1. Overzicht van de spinnen, hooiwagens en bastaardschorpioenen en hun biotoopvoorkeuren in het Bargerveen en het Oosterbos. N = naaldbos (fijnspaar of sitkaspar), L = loofbos (berk, ratelpopulier, braam en stekelvaren), E = dopheide-terrein (met o.a. pijpestrootje), S = drassig veenmos-terrein (met o.a. pijpestrootje, zonnedaauw en veenbes), SI = gedeeltelijk geïnundeerd veenmos-terrein, T = totaal aantal exemplaren.

|                                        |    | N<br>% | L<br>% | E<br>% | S<br>% | SI<br>% | T   |
|----------------------------------------|----|--------|--------|--------|--------|---------|-----|
| <b>ARANEAE</b>                         |    |        |        |        |        |         |     |
| <i>Dictyna arundinacea</i> (L.)        | o  | 0      | 33     | 67     | 0      | 0       | 4   |
| <i>Segestria senoculata</i> (L.)       | b  | 0      | 100    | 0      | 0      | 0       | 1   |
| <i>Drassodes lapidosus</i> (Wik.)      | ob | 0      | 2      | 77     | 20     | 1       | 113 |
| <i>Drassodes pubescens</i> (Th.)       | b  | 0      | 0      | 100    | 0      | 0       | 1   |
| <i>Gnaphosa leporina</i> (L.K.)        | ob | 0      | 0      | 91     | 7      | 2       | 42  |
| <i>Haplodrassus signifer</i> (C.L.K.)  | ob | 0      | 7      | 79     | 13     | 1       | 257 |
| <i>Micaria pulicaria</i> (Snd.)        | b  | 0      | 0      | 39     | 61     | 0       | 61  |
| <i>Zelotes latreillei</i> (Sim.)       | ob | 0      | 3      | 49     | 41     | 7       | 235 |
| <i>Zelotes longipes</i> (L.K.)         | ob | 0      | 0      | 33     | 33     | 33      | 3   |
| <i>Zelotes petrensis</i> (C.L.K.)      | o  | 0      | 0      | 0      | 0      | 0       | 1   |
| <i>Zelotes pusillus</i> (C.L.K.)       | ob | 0      | 1      | 80     | 14     | 4       | 99  |
| <i>Zelotes subterraneus</i>            | ob | 5      | 52     | 29     | 14     | 0       | 21  |
| <i>Agroeca brunnea</i> (Blw.)          | ob | 2      | 60     | 12     | 25     | 1       | 947 |
| <i>Agroeca dentigera</i> Kulcz.        | ob | 0      | 0      | 45     | 45     | 10      | 209 |
| <i>Agroeca lusatica</i> (L.K.)         | b  | 0      | 0      | 0      | 100    | 0       | 2   |
| <i>Agroeca proxima</i> (Cbr.)          | ob | 2      | 2      | 54     | 41     | 3       | 914 |
| <i>Phrurolithus festivus</i> (C.L.K.)  | ob | 0      | 3      | 34     | 62     | 2       | 112 |
| <i>Scotina gracilipes</i> (Blw.)       | ob | 0      | 0      | 100    | 0      | 0       | 11  |
| <i>Cheiracanthium erraticum</i> (Wik.) | ob | 0      | 12     | 76     | 12     | 0       | 8   |
| <i>Clubiona compta</i> C.L.K.          | ob | 48     | 52     | 0      | 0      | 0       | 157 |
| <i>Clubiona diversa</i> Cbr.           | ob | 25     | 0      | 0      | 25     | 50      | 4   |
| <i>Clubiona lutescens</i> Wst.         | ob | 0      | 93     | 0      | 7      | 0       | 13  |
| <i>Clubiona neglecta</i> Cbr.          | ob | 0      | 100    | 0      | 0      | 0       | 4   |
| <i>Clubiona pallidula</i> (Cl.)        | ob | 14     | 86     | 0      | 0      | 0       | 7   |
| <i>Clubiona phragmitis</i> C.L.K.      | ob | 12     | 64     | 12     | 12     | 0       | 8   |
| <i>Clubiona reclusa</i> Cbr.           | ob | 0      | 33     | 11     | 11     | 45      | 10  |
| <i>Clubiona stagnatilis</i> Kulcz.     | ob | 0      | 5      | 2      | 17     | 76      | 41  |
| <i>Clubiona subtilis</i> L.K.          | ob | 0      | 0      | 25     | 35     | 40      | 48  |
| <i>Clubiona terrestris</i> Wst.        | ob | 47     | 51     | 0      | 1      | 1       | 119 |
| <i>Clubiona trivialis</i> C.L.K.       | ob | 0      | 0      | 93     | 7      | 0       | 14  |
| <i>Zora spinimana</i> (Snd.)           | ob | 1      | 10     | 28     | 42     | 19      | 696 |
| <i>Anyphaena accentuata</i> (Wik.)     | o  | 88     | 12     | 0      | 0      | 0       | 26  |
| <i>Philodromus cespitum</i> (Wik.)     | o  | 0      | 0      | 100    | 0      | 0       | 3   |
| <i>Philodromus collinus</i> C.L.K.     | o  | 100    | 0      | 0      | 0      | 0       | 10  |
| <i>Philodromus histrio</i> (Latr.)     | ob | 0      | 25     | 75     | 0      | 0       | 5   |
| <i>Thanathus striatus</i> C.L.K.       | ob | 0      | 2      | 37     | 19     | 42      | 43  |
| <i>Tibellus maritimus</i> (Mg.)        | o  | 0      | 0      | 100    | 0      | 0       | 1   |
| <i>Tibellus oblongus</i> (Wik.)        | ob | 0      | 0      | 60     | 20     | 20      | 5   |
| <i>Oxyptila praticola</i> (C.L.K.)     | ob | 11     | 87     | 2      | 0      | 0       | 606 |
| <i>Xysticus audax</i> (Schr.)          | b  | 0      | 0      | 100    | 0      | 0       | 4   |
| <i>Xysticus cristatus</i> (Cl.)        | ob | 0      | 17     | 50     | 32     | 1       | 18  |
| <i>Xysticus erraticus</i> (Blw.)       | b  | 0      | 0      | 100    | 0      | 0       | 1   |
| <i>Xysticus ulmi</i> (Hahn)            | ob | 0      | 25     | 59     | 8      | 8       | 12  |

(Tabel 1, voortzetting)

|                                         |    | N   | L   | E   | S  | SI  | T    |
|-----------------------------------------|----|-----|-----|-----|----|-----|------|
|                                         |    | %   | %   | %   | %  | %   |      |
| <i>Aelurillus v-insignitus</i> (Cl.)    | b  | 0   | 0   | 33  | 67 | 0   | 3    |
| <i>Bianor aurocinctus</i> (Ohl.)        | b  | 0   | 0   | 100 | 0  | 0   | 8    |
| <i>Euophrys frontalis</i> (Wlk.)        | ob | 42  | 18  | 37  | 0  | 3   | 71   |
| <i>Evarcha falcata</i> (Cl.)            | ob | 50  | 50  | 0   | 0  | 0   | 5    |
| <i>Neon reticulatus</i> (Blw.)          | ob | 0   | 31  | 38  | 31 | 0   | 13   |
| <i>Sitticus floricola</i> (C.L.K.)      | o  | 0   | 0   | 0   | 0  | 100 | 1    |
| <i>Synageles hilarulus</i> (C.L.K.)     | b  | 0   | 0   | 100 | 0  | 0   | 4    |
| <i>Alopecosa cuneata</i> (Cl.)          | ob | 0   | 0   | 25  | 63 | 12  | 8    |
| <i>Alopecosa pulverulenta</i> (Cl.)     | ob | 0   | 19  | 65  | 7  | 9   | 319  |
| <i>Arctosa leopardus</i> (Latr.)        | ob | 0   | 2   | 29  | 27 | 42  | 45   |
| <i>Arctosa lutetiana</i> (Sim.)         | ob | 0   | 0   | 66  | 34 | 0   | 173  |
| <i>Arctosa perita</i> (Latr.)           | o  | 0   | 0   | 0   | 0  | 100 | 1    |
| <i>Hygrolycosa rubrofasciata</i> (Ohl.) | o  | 0   | 100 | 0   | 0  | 0   | 2    |
| <i>Pardosa amentata</i> (Cl.)           | o  | 0   | 0   | 0   | 0  | 100 | 1    |
| <i>Pardosa lugubris</i> (Wlk.)          | ob | 0   | 99  | 1   | 0  | 0   | 1249 |
| <i>Pardosa nigriceps</i> (Th.)          | ob | 0   | 1   | 69  | 21 | 9   | 2315 |
| <i>Pardosa prativaga</i> (L.K.)         | ob | 0   | 1   | 5   | 3  | 91  | 225  |
| <i>Pardosa pullata</i> (Cl.)            | ob | 0   | 0   | 71  | 20 | 9   | 3251 |
| <i>Pardosa sphagnicola</i> (Dahl)       | ob | 0   | 0   | 2   | 40 | 57  | 3118 |
| <i>Pirata hygrophilus</i> Th.           | ob | 0   | 3   | 13  | 56 | 28  | 4006 |
| <i>Pirata piraticus</i> (Cl.)           | ob | 0   | 0   | 28  | 4  | 68  | 206  |
| <i>Pirata piscatorius</i> (Cl.)         | ob | 0   | 0   | 6   | 40 | 54  | 456  |
| <i>Pirata uliginosus</i> (Th.)          | ob | 0   | 1   | 35  | 34 | 30  | 1095 |
| <i>Trochosa ruricola</i> (Deg.)         | ob | 0   | 0   | 6   | 44 | 50  | 223  |
| <i>Trochosa spinipalpis</i> (F. Cbr.)   | b  | 0   | 86  | 10  | 4  | 0   | 97   |
| <i>Trochosa terricola</i> Th.           | ob | 2   | 27  | 51  | 15 | 5   | 4021 |
| <i>Xerolycosa nemoralis</i> (Wst.)      | ob | 0   | 75  | 25  | 0  | 0   | 8    |
| <i>Pisaura mirabilis</i> (Cl.)          | o  | 0   | 0   | 100 | 0  | 0   | 1    |
| <i>Agelena labyrinthica</i> (Cl.)       | ob | 0   | 60  | 40  | 0  | 0   | 5    |
| <i>Cryphoea silvicola</i> (C.L.K.)      | o  | 100 | 0   | 0   | 0  | 0   | 1    |
| <i>Tegenaria atrica</i> C.L.K.          | o  | 100 | 0   | 0   | 0  | 0   | 1    |
| <i>Argyroneta aquatica</i> (Cl.)        | ob | 0   | 0   | 0   | 66 | 34  | 3    |
| <i>Antistea elegans</i> (Blw.)          | ob | 0   | 0   | 0   | 50 | 50  | 2    |
| <i>Hahnia helveola</i> Sim.             | o  | 20  | 80  | 0   | 0  | 0   | 5    |
| <i>Hahnia montana</i> (Blw.)            | ob | 17  | 57  | 22  | 0  | 4   | 23   |
| <i>Ero cambridgei</i> Kulcz.            | o  | 0   | 0   | 25  | 0  | 75  | 4    |
| <i>Ero furcata</i> (Vill.)              | ob | 45  | 11  | 12  | 31 | 1   | 96   |
| <i>Ero tuberculata</i> (Deg.)           | o  | 100 | 0   | 0   | 0  | 0   | 7    |
| <i>Achaeearanea lunata</i> (Cl.)        | o  | 0   | 100 | 0   | 0  | 0   | 1    |
| <i>Anelosimus vittatus</i> (C.L.K.)     | o  | 0   | 100 | 0   | 0  | 0   | 4    |
| <i>Crustulina guttata</i> (Wid.)        | ob | 0   | 30  | 50  | 10 | 10  | 10   |
| <i>Dipoena prona</i> (Mg.)              | ob | 33  | 0   | 67  | 0  | 0   | 3    |
| <i>Enoplognatha ovata</i> (Cl.)         | ob | 0   | 100 | 0   | 0  | 0   | 12   |
| <i>Enoplognatha thoracica</i> (Hahn)    | b  | 0   | 100 | 0   | 0  | 0   | 8    |
| <i>Episinus angulatus</i> (L.K.)        | ob | 0   | 29  | 19  | 48 | 4   | 21   |
| <i>Euryopis flavomaculata</i> (C.L.K.)  | ob | 0   | 3   | 79  | 18 | 0   | 90   |
| <i>Neottiura bimaculata</i> (L.)        | ob | 0   | 0   | 88  | 0  | 12  | 8    |

(Tabel 1, voortzetting)

|                                          |    | N   | L   | E  | S   | Sl  | T   |
|------------------------------------------|----|-----|-----|----|-----|-----|-----|
|                                          |    | %   | %   | %  | %   | %   |     |
| <i>Pholcomma gibbum</i> (Wst.)           | ob | 50  | 30  | 10 | 3   | 2   | 174 |
| <i>Robertus arundineti</i> (Cbr.)        | ob | 0   | 0   | 62 | 9   | 29  | 21  |
| <i>Robertus lividus</i> (L.K.)           | ob | 26  | 22  | 33 | 9   | 10  | 147 |
| <i>Robertus scoticus</i> Jacks.          | o  | 100 | 0   | 0  | 0   | 0   | 16  |
| <i>Theridion pallens</i> Blw.            | ob | 0   | 100 | 0  | 0   | 0   | 2   |
| <i>Theridion simile</i> C.L.K.           | o  | 100 | 0   | 0  | 0   | 0   | 1   |
| <i>Theridion sisypium</i> (Cl.)          | o  | 50  | 50  | 0  | 0   | 0   | 2   |
| <i>Theridion tinctum</i> (Wlk.)          | ob | 50  | 50  | 0  | 0   | 0   | 2   |
| <i>Theridion varians</i> Hahn            | ob | 0   | 100 | 0  | 0   | 0   | 2   |
| <i>Nesticus cellulanus</i> (Cl.)         | b  | 0   | 100 | 0  | 0   | 0   | 1   |
| <i>Metellina menzei</i> (Blw.)           | ob | 36  | 64  | 0  | 0   | 0   | 11  |
| <i>Metellina merianae</i> (Scop.)        | o  | 100 | 0   | 0  | 0   | 0   | 8   |
| <i>Metellina segmentata</i> (Cl.)        | ob | 29  | 71  | 0  | 0   | 0   | 7   |
| <i>Pachygnatha clercki</i> Snd.          | ob | 0   | 20  | 3  | 19  | 58  | 210 |
| <i>Pachygnatha degeeri</i> Snd.          | ob | 0   | 6   | 61 | 31  | 2   | 352 |
| <i>Tetragnatha extensa</i> (L.)          | ob | 0   | 82  | 0  | 18  | 0   | 11  |
| <i>Tetragnatha montana</i> Sim.          | o  | 8   | 92  | 0  | 0   | 0   | 13  |
| <i>Tetragnatha obtusa</i> C.L.K.         | o  | 100 | 0   | 0  | 0   | 0   | 1   |
| <i>Araneus diadematus</i> Cl.            | ob | 50  | 50  | 0  | 0   | 0   | 4   |
| <i>Araneus marmoreus</i> Cl.             | ob | 0   | 29  | 42 | 29  | 0   | 19  |
| <i>Araneus quadratus</i> Cl.             | ob | 0   | 8   | 84 | 8   | 0   | 12  |
| <i>Araniella cucurbitina</i> (Cl.)       | o  | 0   | 100 | 0  | 0   | 0   | 3   |
| <i>Atea triguttata</i> (F.)              | o  | 0   | 0   | 0  | 0   | 100 | 1   |
| <i>Cercidia prominens</i> (Wst.)         | ob | 0   | 0   | 78 | 5   | 17  | 18  |
| <i>Cyclosa conica</i> (Pall.)            | o  | 50  | 50  | 0  | 0   | 0   | 2   |
| <i>Larinioides cornutus</i> (Cl.)        | ob | 0   | 0   | 0  | 33  | 66  | 6   |
| <i>Mangora acalypha</i> (Wlk.)           | o  | 0   | 56  | 44 | 0   | 0   | 1   |
| <i>Neoscona adianta</i> (Wlk.)           | b  | 0   | 0   | 0  | 100 | 0   | 1   |
| <i>Zilla diodia</i> (Wlk.)               | o  | 0   | 100 | 0  | 0   | 0   | 2   |
| <i>Asthenargus paganus</i> (Sim.)        | ob | 65  | 35  | 0  | 0   | 0   | 20  |
| <i>Baryphyma pratense</i> (Blw.)         | ob | 0   | 0   | 0  | 50  | 50  | 2   |
| <i>Ceraticelus bulbosus</i> (Emert.)     | b  | 0   | 0   | 38 | 62  | 0   | 13  |
| <i>Ceratinella brevipes</i> (Wst.)       | ob | 0   | 6   | 18 | 76  | 0   | 16  |
| <i>Ceratinella brevis</i> (Wid.)         | o  | 0   | 0   | 0  | 0   | 100 | 4   |
| <i>Cnephalocotus obscurus</i> (Blw.)     | ob | 0   | 0   | 66 | 0   | 33  | 3   |
| <i>Dicymbium nigrum</i> (Blw.)           | ob | 0   | 27  | 63 | 0   | 0   | 8   |
| <i>Diplocephalus permixtus</i> (Cbr.)    | ob | 0   | 0   | 17 | 22  | 61  | 23  |
| <i>Diplocephalus picinus</i> (Blw.)      | ob | 2   | 98  | 0  | 0   | 0   | 206 |
| <i>Dismodicus bifrons</i> (Blw.)         | b  | 0   | 0   | 0  | 100 | 0   | 1   |
| <i>Entelecara acuminata</i> (Wid.)       | ob | 50  | 50  | 0  | 0   | 0   | 2   |
| <i>Entelecara congenera</i> (Cbr.)       | o  | 100 | 0   | 0  | 0   | 0   | 4   |
| <i>Erigone atra</i> Blw.                 | ob | 0   | 14  | 61 | 1   | 24  | 78  |
| <i>Erigone dentipalpis</i> (Wid.)        | ob | 0   | 0   | 80 | 10  | 10  | 10  |
| <i>Erigone longipalpis</i> (Snd.)        | o  | 0   | 100 | 0  | 0   | 0   | 2   |
| <i>Gnathonarium dentatum</i> (Wid.)      | ob | 0   | 20  | 2  | 14  | 64  | 87  |
| <i>Gonatium rubens</i> (Blw.)            | ob | 0   | 17  | 63 | 9   | 11  | 248 |
| <i>Gongylidiellum latebricola</i> (Cbr.) | b  | 0   | 0   | 0  | 100 | 0   | 1   |
| <i>Gongylidiellum vivum</i> (Cbr.)       | ob | 2   | 7   | 51 | 26  | 14  | 44  |
| <i>Gongylidium rufipes</i> (L.)          | ob | 0   | 99  | 0  | 0   | 1   | 161 |

(Tabel 1, voortzetting)

|                                          |    | N   | L   | E  | S  | SI | T    |
|------------------------------------------|----|-----|-----|----|----|----|------|
|                                          |    | %   | %   | %  | %  | %  |      |
| <i>Hypomma bituberculatum</i> (Wid.)     | ob | 0   | 5   | 5  | 85 | 5  | 22   |
| <i>Hypomma cornutum</i> (Blw.)           | b  | 0   | 100 | 0  | 0  | 0  | 1    |
| <i>Lophomma punctatum</i> (Blw.)         | ob | 0   | 96  | 0  | 4  | 0  | 202  |
| <i>Maso sundevalli</i> (Wst.)            | ob | 0   | 96  | 0  | 4  | 0  | 49   |
| <i>Micrargus herbigradus</i> (Blw.)      | ob | 4   | 7   | 37 | 31 | 21 | 535  |
| <i>Minyriolus pusillus</i> (Wid.)        | o  | 50  | 50  | 0  | 0  | 0  | 2    |
| <i>Oedothorax fuscus</i> (Blw.)          | ob | 4   | 16  | 28 | 28 | 24 | 25   |
| <i>Oedothorax gibbosus</i> (Blw.)        | ob | 0   | 1   | 8  | 35 | 56 | 558  |
| <i>Oedothorax retusus</i> (Wst.)         | ob | 0   | 40  | 30 | 30 | 0  | 5    |
| <i>Peponocranium ludicrum</i> (Cbr.)     | ob | 0   | 2   | 50 | 48 | 0  | 44   |
| <i>Pocadicnemis juncea</i> Lckt. & Mill. | ob | 0   | 24  | 45 | 20 | 11 | 238  |
| <i>Pocadicnemis pumila</i> (Blw.)        | ob | 0   | 6   | 56 | 32 | 6  | 372  |
| <i>Tapinocyba praecox</i> (Cbr.)         | o  | 86  | 7   | 7  | 0  | 0  | 14   |
| <i>Thyreosthenius parasiticus</i> (Wst.) | o  | 100 | 0   | 0  | 0  | 0  | 2    |
| <i>Tiso vagans</i> (Blw.)                | o  | 100 | 0   | 0  | 0  | 0  | 5    |
| <i>Walckenaeria acuminata</i> Blw.       | ob | 6   | 57  | 10 | 24 | 3  | 360  |
| <i>Walckenaeria alticeps</i> (Denis)     | ob | 0   | 13  | 28 | 55 | 4  | 560  |
| <i>Walckenaeria atrotibialis</i> (Cbr.)  | ob | 0   | 1   | 41 | 54 | 4  | 667  |
| <i>Walckenaeria cucullata</i> (C.L.K.)   | ob | 24  | 75  | 1  | 0  | 0  | 279  |
| <i>Walckenaeria cuspidata</i> Blw.       | ob | 1   | 16  | 40 | 20 | 23 | 658  |
| <i>Walckenaeria dysderoides</i> (Wid.)   | ob | 81  | 11  | 4  | 4  | 0  | 94   |
| <i>Walckenaeria furcillata</i> (Mg.)     | b  | 0   | 100 | 0  | 0  | 0  | 1    |
| <i>Walckenaeria incisa</i> (Cbr.)        | ob | 27  | 37  | 18 | 9  | 9  | 11   |
| <i>Walckenaeria kochi</i> (Cbr.)         | ob | 0   | 0   | 3  | 94 | 3  | 27   |
| <i>Walckenaeria nudipalpis</i> (Wst.)    | ob | 2   | 19  | 45 | 17 | 17 | 208  |
| <i>Walckenaeria obtusa</i> L.K.          | ob | 0   | 79  | 7  | 7  | 7  | 13   |
| <i>Walckenaeria unicornis</i> Cbr.       | ob | 1   | 14  | 2  | 70 | 13 | 102  |
| <i>Walckenaeria vigilax</i> (Blw.)       | ob | 0   | 0   | 10 | 19 | 71 | 288  |
| <i>Agyneta cauta</i> (Cbr.)              | ob | 0   | 29  | 5  | 55 | 11 | 38   |
| <i>Agyneta conigera</i> (Cbr.)           | ob | 26  | 62  | 5  | 6  | 1  | 149  |
| <i>Agyneta decora</i> (Cbr.)             | ob | 0   | 13  | 0  | 0  | 87 | 30   |
| <i>Agyneta subtilis</i> (Cbr.)           | ob | 0   | 23  | 77 | 0  | 0  | 44   |
| <i>Allomengea vidua</i> (L.K.)           | b  | 0   | 100 | 0  | 0  | 0  | 1    |
| <i>Aphileta misera</i> (Cbr.)            | ob | 0   | 0   | 18 | 47 | 35 | 103  |
| <i>Bathypantes approximatus</i> (Cbr.)   | ob | 0   | 11  | 2  | 21 | 66 | 84   |
| <i>Bathypantes gracilis</i> (Blw.)       | ob | 0   | 11  | 23 | 28 | 38 | 419  |
| <i>Bathypantes parvulus</i> (Wst.)       | ob | 1   | 30  | 27 | 35 | 7  | 1814 |
| <i>Bathypantes setiger</i> F. Cbr.       | ob | 0   | 0   | 0  | 80 | 20 | 5    |
| <i>Bolyphantes luteolus</i> (Blw.)       | b  | 0   | 25  | 0  | 75 | 0  | 4    |
| <i>Centromerita bicolor</i> (Blw.)       | ob | 0   | 9   | 46 | 8  | 37 | 121  |
| <i>Centromerita concinna</i> (Th.)       | ob | 0   | 1   | 80 | 12 | 7  | 2209 |
| <i>Centromerus aequalis</i> (Wst.)       | ob | 74  | 26  | 0  | 0  | 0  | 35   |
| <i>Centromerus dilutus</i> (Cbr.)        | ob | 45  | 16  | 35 | 3  | 1  | 223  |
| <i>Centromerus incilium</i> Falc.        | b  | 0   | 33  | 67 | 0  | 0  | 3    |
| <i>Centromerus levitarsis</i> (Sim.)     | ob | 0   | 8   | 86 | 6  | 0  | 36   |
| <i>Centromerus pabulator</i> (Cbr.)      | b  | 0   | 100 | 0  | 0  | 0  | 3    |
| <i>Centromerus prudens</i> (Cbr.)        | b  | 0   | 100 | 0  | 0  | 0  | 1    |
| <i>Centromerus sylvaticus</i> (Blw.)     | ob | 11  | 79  | 8  | 1  | 1  | 2266 |
| <i>Diplostyla concolor</i> (Wid.)        | ob | 14  | 86  | 0  | 0  | 0  | 42   |
| <i>Drapetisca socialis</i> (Latr.)       | ob | 73  | 26  | 0  | 1  | 0  | 218  |
| <i>Drepanotylus uncatus</i> (Cbr.)       | ob | 0   | 3   | 3  | 9  | 85 | 150  |
| <i>Floronia bucculenta</i> (Cl.)         | ob | 0   | 0   | 38 | 62 | 0  | 8    |
| <i>Lepthyphantes alacris</i> (Blw.)      | o  | 100 | 0   | 0  | 0  | 0  | 6    |

(Tabel 1, voortzetting)

|                                           |    | N   | L   | E   | S   | SI | T    |
|-------------------------------------------|----|-----|-----|-----|-----|----|------|
|                                           |    | %   | %   | %   | %   | %  |      |
| <i>Lepthyphantes ericaeus</i> (Blw.)      | ob | 4   | 15  | 49  | 24  | 8  | 238  |
| <i>Lepthyphantes flavipes</i> (Blw.)      | ob | 21  | 76  | 1   | 1   | 1  | 963  |
| <i>Lepthyphantes mengei</i> Kulcz.        | ob | 2   | 22  | 59  | 14  | 3  | 394  |
| <i>Lepthyphantes minutus</i> (Blw.)       | ob | 88  | 12  | 0   | 0   | 0  | 33   |
| <i>Lepthyphantes obscurus</i> (Blw.)      | o  | 92  | 8   | 0   | 0   | 0  | 12   |
| <i>Lepthyphantes pallidus</i> (Cbr.)      | ob | 34  | 61  | 3   | 1   | 1  | 275  |
| <i>Lepthyphantes tenebricola</i> (Wid.)   | ob | 60  | 40  | 0   | 0   | 0  | 30   |
| <i>Lepthyphantes tenuis</i> (Blw.)        | ob | 7   | 43  | 30  | 7   | 13 | 46   |
| <i>Lepthyphantes zimmemanni</i> Brtk.     | ob | 31  | 67  | 1   | 0   | 1  | 790  |
| <i>Linyphia hortensis</i> Snd.            | o  | 0   | 100 | 0   | 0   | 0  | 2    |
| <i>Linyphia triangularis</i> (Cl.)        | ob | 74  | 23  | 0   | 3   | 0  | 40   |
| <i>Macrargus rufus</i> (Wid.)             | ob | 25  | 73  | 2   | 0   | 0  | 2121 |
| <i>Maro minutus</i> Cbr.                  | b  | 0   | 0   | 0   | 100 | 0  | 2    |
| <i>Meioneta beata</i> (Cbr.)              | b  | 0   | 0   | 89  | 11  | 0  | 9    |
| <i>Meioneta rurestris</i> (C.L.K.)        | b  | 0   | 0   | 100 | 0   | 0  | 1    |
| <i>Microlinyphia pusilla</i> (Snd.)       | ob | 0   | 72  | 14  | 0   | 14 | 7    |
| <i>Microneta viaria</i> (Blw.)            | ob | 23  | 75  | 0   | 2   | 0  | 318  |
| <i>Neriere clathrata</i> (Snd.)           | ob | 0   | 92  | 1   | 0   | 7  | 98   |
| <i>Neriere montana</i> (Cl.)              | ob | 57  | 43  | 0   | 0   | 0  | 7    |
| <i>Neriere peltata</i> (Wid.)             | o  | 82  | 18  | 0   | 0   | 0  | 17   |
| <i>Pityohyphantes phrygianus</i> (C.L.K.) | o  | 100 | 0   | 0   | 0   | 0  | 23   |
| <i>Poecilometes globosa</i> (Wid.)        | o  | 100 | 0   | 0   | 0   | 0  | 3    |
| <i>Porrhomma lativela</i> Tretz.          | o  | 65  | 35  | 0   | 0   | 0  | 23   |
| <i>Porrhomma montanum</i> Jacks.          | ob | 82  | 11  | 5   | 0   | 2  | 44   |
| <i>Porrhomma pallidum</i> Jacks.          | o  | 100 | 0   | 0   | 0   | 0  | 50   |
| <i>Porrhomma pygmaeum</i> (Blw.)          | ob | 33  | 58  | 3   | 3   | 3  | 36   |
| <i>Saarietia abnormis</i> (Blw.)          | ob | 40  | 32  | 22  | 6   | 0  | 220  |
| <i>Stemonyphantes lineatus</i> (L.)       | ob | 1   | 0   | 87  | 11  | 1  | 75   |
| <i>Tallusia experta</i> (Cbr.)            | ob | 0   | 7   | 22  | 54  | 17 | 307  |
| <i>Tapinopa longidens</i> (Wid.)          | ob | 39  | 30  | 24  | 6   | 1  | 125  |
| <i>Taranucnus setosus</i> (Cbr.)          | ob | 0   | 7   | 9   | 57  | 27 | 89   |
| OPILIONES                                 |    |     |     |     |     |    |      |
| <i>Mitostoma chrysomelas</i> (Herm.)      | ob | 3   | 3   | 59  | 30  | 5  | 64   |
| <i>Nemastoma lugubre</i> (Müll.)          | ob | 13  | 82  | 3   | 0   | 2  | 1029 |
| <i>Lacinius ephippiatus</i> (C.L. K.)     | o  | 56  | 44  | 0   | 0   | 0  | 9    |
| <i>Leiobunum blackwalli</i> Meade         | ob | 9   | 30  | 9   | 50  | 2  | 437  |
| <i>Leiobunum rotundum</i> (Latr.)         | ob | 4   | 78  | 0   | 11  | 7  | 28   |
| <i>Lophopilio palpinalis</i> (Herbst)     | ob | 7   | 31  | 41  | 17  | 4  | 2538 |
| <i>Mitopus morio</i> (F.)                 | ob | 76  | 23  | 0   | 1   | 0  | 154  |
| <i>Oligolophus hansenii</i> (Kraep.)      | ob | 60  | 35  | 5   | 0   | 0  | 370  |
| <i>Oligolophus tridens</i> (C.L.K.)       | ob | 18  | 69  | 7   | 5   | 1  | 3218 |
| <i>Opilio saxatilis</i> (C.L.K.)          | ob | 33  | 67  | 0   | 0   | 0  | 3    |
| <i>Paroligolophus agrestis</i> (Meade)    | ob | 24  | 61  | 7   | 4   | 4  | 1847 |
| <i>Phalangium opilio</i> L.               | ob | 0   | 5   | 80  | 15  | 0  | 80   |
| <i>Rilaena triangularis</i> (Herbst)      | ob | 3   | 27  | 22  | 38  | 10 | 2378 |
| PSEUDOSCORPIONES                          |    |     |     |     |     |    |      |
| <i>Neobisium muscorum</i> (Leach)         | ob | 53  | 33  | 6   | 8   | 0  | 34   |