Acta Agraria Kaposváriensis (2005) Vol 9 No 1, 67-86
Kaposvári Egyetem, Állattudományi Kar, Kaposvár
University of Kaposvár, Faculty of Animal Science, Kaposvár

Data to the knowledge of the terrestrial isopod (Isopoda: Oniscidea) fauna of Baranya county (Hungary: South Transdanubia)

S. Farkas
University of Kaposvár, Faculty of Animal Science, Kaposvár, H-7400 Guba Sándor u. 40.

ABSTRACT

Before 1995, distribution records of 9 terrestrial isopod species from Baranya County (South-Transdanubia) were published. The faunistical research of the Danube-Drava National Park and the Mecsek Mts. between 1996-2002 yielded 15 new species to the area. Recently (2003-2004) all 10×10 km UTM units of the county were sampled. That investigation yielded 6 more new species in the territory. This paper gives earlier published data and detailed new distribution records (GPS data, date, habitats and number of specimens), UTM maps and all known references to 30 species.
(Keywords: Isopoda, Oniscidea, terrestrial isopods, woodlice, Hungary, Baranya county)

ÖSSZEFOGLALÁS

Baranya megye szárazföldiászkarák (Isopoda: Oniscidea) faunájának alapvetése
Farkas S.
Kaposvári Egyetem, Állattudományi Kar, Ökológiai Munkacsoport, Kaposvár, 7400 Guba Sándor u. 40.

Azászkarákok (Crustacea: Isopoda: Oniscidea) természetvédelmi szempontból kiemelkedő szerepet játszanak az életközösségek egyensúlyának fenntartásában. A több szempontból is indokolt kutatásuk egyik alapfeladata Magyarország faunájának feltárása. Ennek keretében indítottam meg a dél-dunántúli regió megyéinek, köztük Baranyának a kutatását. A megyéből a 1990-es évekig csak a Mecsek területéről publikáltak szárazföldi ászkarák elterjedési adatokat. Az elmúlt évtized során több gyűjtő a Dráva és a Rinya árterek területén, a Mecsekben és a Villányi hegységben kutatott, beleértve a Szársomlyó hegyet is. 2002-2003 során gyűjtéseket végeztem a megye területére eső valamennyi olyan 10×10 km-es UTM egységben, ahonnét még nem volt adat. A megyéből 30 ászkarák vált ismertté, ami a hazai fauna 60%-át teszi ki. Leggyakoribb fajoknak az Armadillidium vulgare, a Hyloniscus riparius, a Porcellium collicola és a Trachelipus rathkii bizonyult. Említésre méltó a Calconiscellus karawankianus és a Protracheoniscus franzi, mely hazánk legritkább ászkarákjai közé tartozik. Behurcolt fajok: Trichorina tomentosa, Platyarthrus schoebli, Protracheoniscus major, Porcellio laevis, Armadillidium nasatum és Proporcellio vulcanius, amely eddig csak a Mediterráneum területéről volt ismert.
(Keywords: ászkarák, Magyarország, Baranya megye)

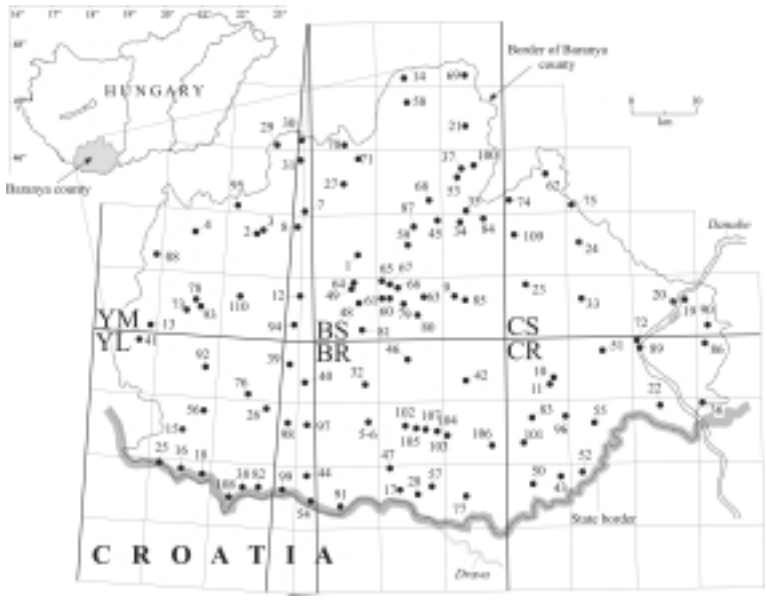
INTRODUCTION

Baranya County, situated in the southwest part of Hungary, is framed by the Danube and Drava rivers. Its territory is 4487[2] km. Faunistic data of terrestrial isopod fauna of the area

were given in *Dudich* (1925, 1942), *Farkas* (1995, 1998a, 1998d, 2004a), *Farkas and Vadkerti* (2002), *Forró and Farkas* (1998), *Gebhardt* (1933, 1934, 1960), *Kesselyák* (1936, 1937), *Loksa* (1966) and *Vilisics and Farkas* (2004). The majority of the data originated from the Mecsek Mts., where 24 terrestrial isopod species were known from (*Farkas*, 2004a). Recently, four general soil zoological research projects were carried out in the county. *Farkas* collected isopods with pitfall traps in the period 1995-1998 in several locations in the Drava lowland, Rinya basin and the Ormánság. A total of approx. 100,000 individuals were caught during this project. *Farkas*' Ph.D. thesis (1999) was based on this material. The minor part of the data were published in (Farkas, 1995, 1998a, 1998b, 1998c, 1998d, 2001), *Farkas et al.* (1999) and *Vadkerti and Farkas* (2002). The majority of the data is given in this study. *Fazekas and Loksa*, moreover *Vadkerti and Lajos* sampled with pitfall traps in the period of 2000-2002 in several locations of the Mecsek Mts., Villányi hills and Szársomlyó. *Farkas* (2004a) published the data from the Mecsek. The data from 6 sites of the Villányi hills and Szársomlyó are published here. On the fourth project, *Farkas* collected terrestrial isopods using pitfall traps and with hand sampling in the period 2001-2004 to discover the isopod fauna of South Transdanubia (Somogy, Baranya and Tolna counties, 14,227^2 km). The first results of this wide faunistic research work had been published (*Farkas*, 2004b, 2004c). The data from all 10×10 km UTM units of Baranya are published in this paper. Summarising, from a resume of the references and from recent investigations, there are distribution records of terrestrial isopods from 110 sites of Baranya in this study, from all parts of the county (*Figure 1*).

Figure 1

Sampling sites in Baranya county (Hungary)
(the names of cities and villages belonging to the figures are given in Table 1)



1. ábra: Mintavételi helyek Baranyában (a számoknak megfelelő városokat és falvakat az 1. táblázat tartalmazza)

METHODS AND SAMPLING SITES

The details of sampling techniques of *Farkas, Fazekas and Loksa*, and *Vadkerti and Lajos* are given in *Farkas* (1998d, 2004a). Natural and nature protected areas were chosen for sampling in each 10×10 km UTM unit but cities, suburbs, villages and disturbed habitats were also examined in some cases. The detailed data of each sampling sites are given in *Table 1*. The investigated habitats were categorised according to the Hungarian General Habitat Classification System (HGHCS) (*Molnár*, 1997). *Table 2.* contains the HGHCS codes and the short description of the habitats. The isopod material of Drava lowland, Rinya basin and Ormánság are placed in the Institute of Biology, University of Pécs. All other recently collected specimens are deposited in the isopod collection of University of Kaposvár.

Table 1

Data of the sampling sites

Code	Site (town, village)	UTM code	Altiude-latitude	Elevation (m)	HGHCS code	Reference of earlier published data
1	Abaliget	BS 71	-	-	cave	Farkas 2004a; Gebhardt 1933, 1934;
2	Almamellék	YM 21	46°10’32” - 017°53’19”	188	L2	
3	Almamellék	YM 21	46°10’46” - 017°53’43”	182	B5	
4	Antalfa	YM 11	46°08’19” - 017°47’03”	148	K2	
5	Babarcszőlős	BR 78	-	-	S1, K4, O8, P2	
6	Babarcszőlős	BR 78	-	-		Vilisics and Farkas 2004;
7	Bakóca	BS 62	46°12’04” - 017°59’54”	195	U 3	
8	Bakóca, Hollófészek	YM 31	46°11’13” - 017°59’ 31”	304	K2	
9	Bogád	BS 90	46°05’09” - 018°18’29”	193	L2	
10	Bóly I.	CR 09	45°58’40” - 018°31’23”	136	T8	
11	Bóly II.	CR 09	45°58’24” - 018°31’17”	127	O3	
12	Cserdi	YM 30	46°05’12” - 017°59’47”	173	B5	
13	Dobsza	YM 00	46°01’41” - 017°41’09”	130	K1	
14	Dombóvár, Kulkula	BS 84	46°23’22” - 018°12’33”	203	L2	
15	Drávafok	YL 18	-	-	K1	Farkas 1998a;
16	Drávakeresztúr	YL 17	-	-	K1	Farkas 1998a;
17	Drávaszabolcs	BR 87	-	-	J4	Farkas 1998a;
18	Drávasztára	YL 17	-	-	J4	Farkas 1998a;
19	Dunafalva	CS 20	46°04’48” - 018°46’12”	98	J4	
20	Dunaszekcső	CS 20	46°04’06” - 018°45’23”	101	I1	
21	Egyházaskozár	BS 93	46°19’20” - 018°20’30”	203	K2	
22	Erdőfű	CR 28	45°55’38” - 018°42’34”	78	J6	
23	Erzsébet	CS 00	-	-	J4	
24	Feked	CS 11	46°10’46” - 018°33’18”	207	K4	
25	Felsőszentmárton	YL 17	-	-	J4	Farkas 1998a;
26	Gilvánfa	YL 28	-	-	P1, K1	
27	Godisa	BS 72	46°13’56” - 018°05’23”	181	K2	
28	Gordisa	BR 87	-	-	J4	
29	Gödre I.	YM 23	46°17’38” - 017°59’00”	250	K2	
30	Gödre II.	YM 33	-		B5	
31	Gödreszentmárton	YM 32	46°16’02” - 017°59’36”	246	J4	
32	Görcsöny	BR 79	-	-	K1, S1	
33	Hímesháza	CS 10	46°03’58” - 018°34’50”	184	S1	
34	Hosszúhetény	BS 91	-	-	K4, M1, P1	Farkas 2004a;
36	Hóduna	CR 38	45°56’24” - 018°51’08”	88	J6	
37	Kárász	BS 92	45°15’53” - 018°19’00”	200	J5	Farkas 2004a;
38	Kemse-Háromfa	YL 27	-	-	J4	Farkas 1998a;
39	Királyegyháza	YL 39	-	-	D5, T5, S2, B5	

40	Kisasszonyfa	BR 69	-	-	K1	
41	Kisdobsza	YL 09	-	-	K1	
42	Kisherend	BR 99	-	-	S1	
43	Kislippó	CR 07	45°49’29” - 018°31’38”	110	O10	
44	Kisszentmárton	BR 67	45°49’20” - 018°01’42”	105	J5	
45	Komló	BS 81	46°10’56” - 018°15’54”	302	K5	Farkas 2004a;
46	Kökény	BR 89	46°00’08” - 018°12’54”	158	P6	
47	Kovácshida	BR 87	45°50’03” - 018°10’31”	108	J4	Farkas 1998a;
48	Kővágószőlős	BS 70	46°03’55” - 018°06’48”	185	U5	
49	Kővágószőlős, Jakab mountain	BS 70	46°05’56” - 018°05’56”	326	U5	
50	Lapáncsa	CR 07	45°48’58” - 018°29’35”	99	B5	
51	Lánycsók	CR 19	46°00’02” - 018°36’05”	115	J4	
52	Lippó	CR 17	45°50’05” - 018°34’38”	111	O10	
53	Magyaregregy	BS 92	46°14’24” - 018°18’36”	229	J5	Farkas 2004a;
54	Majláthpuszta	BR 67	45°46’27” - 018°03’47”	101	J4	
55	Majs	CR 18	45°53’56” - 018°35’35”	113	J4	
56	Marócsa	YL 18	45°54’52” - 017°49’35”	98	J5, L2, S4	
57	Matty	BR 87	45°47’25” - 018°15’36”	95	J4	Farkas 1998a;
58	Mágocs	BS 83	46°21’46” - 018°12’46”	202	J4	
59	Mánfa, Melegmányi valley	BS 81	46°09’17” - 018° 12’56”	216	B5,K4, J4	Farkas 2004a;
60	Mecsek Mts., Éger peak	BS 80	-	-	M8	Farkas 2004a;
61	Mecsek Mts., Éger valley	BS 80	-	-	J5	Farkas 2004a;
62	Mecsek Mts., Hidasi valley	CS 02	46°11’36” - 018°19’10”	333	J5	Farkas 2004a;
63	Mecsek Mts., Istenáldás valley	BS 80	46°06’50” - 018°13’53”	351	K4, U5	Farkas 2004a;
64	Mecsek Mts., Jakab mountain	BS 70	-	-	P2	Farkas 2004a;
65	Mecsek Mts., Kis Tubes mountain	BS 80	-	-	H3	Farkas 2004a;
66	Mecsek Mts., Misina mountain	BS 80	45°05’50” - 018°12’59”	505	M1	Farkas 2004a;
67	Mecsek Mts., Tubes mountain	BS 80	46°06’06” - 018°12’38”	575	M1	Farkas 2004a; Loksa 1966;
68	Mecsekjánosi	BS 82	45°13’25” - 018°14’21”	182	O12	Farkas 2004a;Farkas 2004c;
69	Mekényes	BS 94	46°23’57” - 018°20’24”	191	K2 J5	
70	Mező d I.	BS 73	-	-	K2, J2	
71	Mező d II.	BS 72	-	-	J2	
72	Mohács	CR 29	46°01’44” - 018°41’05”	104	U2	
73	Molványpuszta	YM 10	-	-	B5	
74	Óbánya	CS 02	46°13’08” - 018°25’05”	272	J5	
75	Ófalu	CS 12	46°12’54” - 018°31’30”	172	K4, J4	
76	Okorág	YL 29	-	-	K1, S1	
77	Old	BR 97	45°48’11” - 018°20’38”	101	K1, S1	
78	Patapoklosi	YM 10	46°03’51” - 017°45’20”	138	S2	
79	Pécs, Univ. botanic garden	BS 80	-	-	P6, U1	Farkas and Vadkerti 2002; Farkas 2004a;
80	Pécs, Tüskésrét	BS 80	46°03’17” - 018°14’43”	143	S6,B5	
81	Pellérd	BS 70	46°01’50” - 018°07’34”	124	U5	
82	Piskó	YL 27	45°48’19” - 017°56’33”	97	J4	
83	Pócsa	CR 08	45°54’36” - 018°29’46”	138	L2	
84	Püspökszentlászló	BS 91	46°11’26” - 018°21’51”	450	K4, H3	Farkas 2004a;
85	Romonya	BS 90	46°04’45” - 018°20’33”	156	J4, J5	
86	Sárhát	CR 39	46°01’18” - 018°48’45”	93	D5	
87	Sikonda	BS 81	46°10’25” - 018°13’42”	193	K4, P1	
88	Somogyhatvan	YM 01	46°07’20” - 017°42’41”	161	B5, S1	
89	Szabadság island	CS 30	-	-	J3	
90	Szabadságpuszta	CR 29	-	-	J4, B1	
91	Szaporca	BR 77	45°48’44” - 018°06’24”	100	J4	Farkas 1998a;
92	Szentegát	YL 19	-	-	K1	
93	Szentlőrinc	BS 60	-	-	L2	
94	Szigetvár	YM 10	-	115	P6	
95	Tercseny	YM 22	46°03’03” - 017°47’59”	162	K2	
96	Töttös	CR 08	46°12’11” - 017°51’55”	155	L2	

97	Vajszló I.	BR 68	45°53’07” - 018°34’11”	-	K1,	
98	Vajszló II.	YL 38	-	-	K1, S1	
99	Vejti	YL 37	45°47’36” - 017°58’28”	105	S1, S2, J4, O3	
100	Vékény	BS 92	46°16’12” - 018°21’01”	178	J5	
101	Villány	CR 08	45°52’46” - 018°26’51”	123	L2	
102	Villányi Mts., Csukma mountain	BR 88	45°52’50” - 018°17’36"	256	M1	
103	Villányi Mts., Fekete mountain	BR 98	45°52’17” - 018°24’02”	291	M1	
104	Villányi Mts Kövesmáj mountain	BR 88	45°53’02” - 018°15’52”	383	M1	
105	Villányi Mts., Nagy mountain	BR 88	45°52’57” - 018°13’14”	275	M1	
106	Villányi Mts., Szársomlyó mountain	BR 98	45°51’20” - 018°25’43”	271	H3, M1	
107	Villányi Mts., Tenkes mountain	BR 88	-	-	M1	
108	Zaláta	YL 27	45°47’40” - 017°54’19”	101	J4	
109	Zengővárkony	CS 01	46°10’04” - 018°25’44”	271	J5	
110	Zsibót	YM 20	46°04’22” - 017°52’47”	137	L2, J4, D5	

1. táblázat: A mintavételi helyek adatai

Table 2

The investigated habitats and their HGHCS codes

HGHCS code	Habitat	HGHCS code	Habitat
B1	Reed and Typha beds	O3	Ruderal riverine and marsh communities
B5	Non-tussock beds of large sedges	O8	Colline and montane wet degraded grasslands
D5	Water-fringing and fen tall herb communities	O10	Semi-natural road verges, embankments and flood-control dams
H3	Slope steppes	O12	Semi-natural vegetation of abandoned vineyards and orchards
I1	Amphibious communities on river gravel and sand banks	P1	Clear-cut scrub and pioneer open woodlands of native species
J2	Alder swamp woodlands	P2	Grasslands with spontaneously colonising trees and shrubs
J3	Riverine willow scrub	P6	Large parks and botanical gardens with surviving native vegetation
J4	Riverine willow-poplar woodlands	S1	Black locust plantations
J5	Riverine ash-alder woodlands	S2	Hybrid poplar plantations
J6	Riverine oak-elm-ash woodlands	S4	Scotch fir plantation
K1	Lowland oak-hornbeam and closed sand steppe oak woodlands	S6	Non-native spontaneous woodlands and scrub
K2	Pannonic oak-hornbeam woodlands	T5	Artificial grasslands
K4	Illyrian beech and oak-hornbeam woodlands	T8	Fine scale vineyards and orchards
K5	Pannonic neutral colline and montane beech woodlands	U1	Cities
L2	Turkey oak - sessile oak woodlands	U2	Suburbs
M1	White oak scrub woodlands	U3	Villages
M8	Thermophilous woodland fringes	U5	Spoil banks

2. táblázat: A mintavételi helyek HGHCS kódjai

RESULTS

The records consist of the code of the sampling site (*Table 1*), the HGHCS code, the number of collected specimens, divided by sex (exception is the material of Drava lowland, Rinya basin and Ormánság which has not been divided into male and female

individuals), in brackets the date of sampling, and finally the the abbreviation of the collector's name. "Published data" give the references of earlier published records, and "New data" means the first published records. Distribution data of *Porcellio scaber* in *Farkas*, 1998a are probably incorrect, so these records were ommitted. Family arrangement inside the Diplocheta and Synocheta follows *Schmölzer* (1965), inside the Crinocheta follows *Schmidt* (2003). Abbreviations: F: leg. Farkas; FL: leg. Fazekas and Loksa; V: leg. Vadkerti;

Ligiidae

1. *Ligidium hypnorum* (*Cuvier*, 1792) (*Fig. 2*)
Published data: 59, 87 (*Farkas,* 2004a);
New data: 41: 10♂, 13♀ (26. VII. 1997. F);
2. *Ligidium germanicum* (*Verhoeff*, 1901) (*Fig. 3*)
Published data: 1 (*Gebhardt*, 1934); 34, 37, 45, 53, 59, 74, 100, 109 and several sites in the Mecsek Mts. (*Farka*s, 2004a);
New data: 7: 3♂, 1♀ (07. V. 2004. F); 24: 16♀ (18. X. 2003. F); 27: 1♂, 6♀ (07. V. 2004. F); 30: 1♂, 8♀ (09. X. 2003. F); 63: 4♂, 2♀ (24. V. 2002. F);

Trichoniscidae

3. *Trichoniscus pusillus* (*Brandt*, 1833) (*Fig. 4*)
Published data: 6 (*Vilisics and Farkas,* 2004); 59 and several sites in the Mecsek Mts. (*Farkas,* 2004a);
New data: 3: 8♂, 10♀ (16. X. 2003. F); 4: 1♂ (10. X. 2003. F); 7: 4♀ (07. V. 2004. F); 9: 1♀ (11. V. 2004. F); 12: 2♂, 2♀ (11. V. 2004. F); 13: 1♀ (30. IV. 2004. F); 23: 1♂ (18. X. 2003. F); 24: 3♂, 5♀ (18. X. 2003. F); 27: 2♂, 3♀ (07. V. 2004. F); 29: 5♂, 5♀ (09. X. 2003. F); 31: 1♂ (09. X. 2003. F); 42: 2♂, 1♀ (19. X. 2003. F); 46: 14♂, 15♀ (19. X. 2003. F); 58: 8♂, 12♀ (24. IV. 2004. F); 69: 3♀ (24. IV. 2004. F); 70: 4♂, 9♀ (07. V. 2004. F); 71: 1♂, 2♀ (07. V. 2004. F); 73: 2♀ (30. IV. 2004. F); 75: 1♂, 1♀ (18. X. 2003. F); 78: 1♂, 1♀ (10. X. 2003. F); 81: 3♂, 7♀ (23. V. 2002. F); 85: 2♀ (11. V. 2004. F); 93: 1♂ (11. V. 2004. F); 95: 1♀ (16. X. 2003. F); 110: 1♂, 2♀ (30. IV. 2004. F);
4. *Androniscus roseus* (*C. Koch*, 1838) (*Fig. 5*)
Published data: 5 (*Vilisics and Farkas*, 2004)
5. *Hyloniscus riparius* (*C. Koch*, 1838) (*Fig. 6*)
Published data: 1 (leg. Méhely in 1926, published in *Farka*s, 2004a); 5 (*Vilisics and Farkas,* 2004); 15, 16, 17, 18, 25, 44, 57, 82, 91, 99 (*Farkas,* 1998a); 28 (*Farkas,* 1998b); 54 (*Farkas,* 1995); 79 (*Farkas,* 2004a);
New data: 2: 2♂ (16. X. 2003. F); 5 P2: 1 (24. IV. 1998. F); 5 P2: 2 (18. V. 1998. F); 5 S1: 2 (18. V. 1998. F); 5 S1: 1 (30. X. 1998. F); 11: ♂2 (23. VII. 2003. F); 14: 1♂ (24. IV. 2004. F); 22: 1♂ (23. VII. 2003. F); 23: 2♀ (18. X. 2003. F); 24: 1♀ (18. X. 2003. F); 26 P1: 5 (02. V. 1997. F); 26 L2: 1 (23. V. 1997. F); 26 P1: 7 (23. V. 1997. F); 26 P1: 2 (14. VI. 1997. F); 26 P1: 2 (26. VII. 1997. F); 26 P1: 2 (07. XI. 1997. F); 29: 2♂, 4♀ (09. X. 2003. F); 31: 1♀ (09. X. 2003. F); 32 S1: 1 (02. IV. 1998. F); 32 S1: 12 (24. IV. 1998. F); 32 K1: 2 (24. IV. 1998. F); 32 S1: 27 (18. V. 1998. F); 32 K1: 2 (18. V. 1998. F); 32 S1: 5 (06. VI. 1998. F); 32 K1: 17 (06. VI. 1998. F); 32 S1: 55 (20. VII. 1998. F); 32 K1: 6 (20. VII. 1998. F); 32 S1: 6 (08. VIII. 1998. F); 32 K1: 3 (08. VIII. 1998. F); 32 S1: 6 (28. VIII. 1998. F); 32 S1: 4 (18. IX. 1998. F); 32 K1: 1 (18. IX. 1998. F); 32 S1: 29 (10. X. 1998. F); 32 S1: 20 (30. X. 1998. F); 32 K1: 1 (30. X. 1998. F); 32 S1: 71 (28. XI. 1998. F); 32 K1: 24 (28. XI. 1998. F); 33: 5♂, 4♀ (18. X. 2003. F); 36: 1♂ (23. VII. 2003. F); 39 D5: 2 (24. IV. 1998. F); 39 D5: 1 (18. V. 1998. F); 39 D5: 1 (06. VI. 1998. F); 39 S2: 3 (06. VI. 1998. F); 39 D5: 1 (27. VI. 1998. F); 39 D5: 1 (20. VII. 1998. F); 39 D5: 2 (20. VII. 1998. F); 39 S2: 3 (20. VII. 1998. F); 39

D5: 4 (08. VIII. 1998. F); 39 D5: 10 (08. VIII. 1998. F); 39 S2: 7 (08. VIII. 1998. F); 39 D5: 2 (28. VIII. 1998. F); 39 S2: 15 (28. VIII. 1998. F); 39 S2: 2 (18. IX. 1998. F); 39 D5: 1 (10. X. 1998. F); 39 D5: 2 (30. X. 1998. F); 39 S2: 5 (30. X. 1998. F); 39 D5: 2 (28. XI. 1998. F); 39 D5: 1 (28. XI. 1998. F); 39 S2: 1 (28. XI. 1998. F); 40: 1 (30. X. 1998. F); 41: 1 (11. IV. 1997. F); 41: 14 (26. VII. 1997. F); 42: 6♂, 7♀ (19. X. 2003. F); 43: 1♂ (23. VII. 2003. F); 50: 1♂ (23. VII. 2003. F); 52: 1♂ (23. VII. 2003. F); 55: 3♂ (23. VII. 2003. F); 56 J5: 1 (11. IV. 1997. F); 56 J5: 1 (02. V. 1997. F); 56 J5: 2 (14. VI. 1997. F); 56 J5: 2 (26. VII. 1997. F); 58: 4♂, 8♀ (24. IV. 2004. F); 69: 6♀ (24. IV. 2004. F); 71: 1♂, 4♀ (07. V. 2004. F); 75: 3♀ (18. X. 2003. F); 76 K1: 1 (11. IV. 1997. F); 76 S1: 3 (11. IV. 1997. F); 76 K1: 24 (02. V. 1997. F); 76 S1: 28 (02. V. 1997. F); 76 K1: 27 (23. V. 1997. F); 76 S1: 10 (23. V. 1997. F); 76 K1: 12 (14. VI. 1997. F); 76 S1: 13 (14. VI. 1997. F); 76 K1: 28 (26. VII. 1997. F); 76 S1: 19 (26. VII. 1997. F); 76 K1: 12 (07. XI. 1997. F); 76 S1: 1 (07. XI. 1997. F); 77 S1: 3 (02. IV. 1998. F); 77 J2: 1 (02. IV. 1998. F); 77 46: 46 (24. IV. 1998. F); 77 J2: 6 (24. IV. 1998. F); 77 S1: 29 (18. V. 1998. F); 77 J2: 10 (18. V. 1998. F); 77 S1: 23 (06. VI. 1998. F); 77 J2: 2 (06. VI. 1998. F); 77 S1: 46 (27. VI. 1998. F); 77 J2: 1 (27. VI. 1998. F); 77 S1: 12 (20. VII. 1998. F); 77 J2: 1 (20. VII. 1998. F); 77 S1: 8 (08. VIII. 1998. F); 77 S1: 2 (28. VIII. 1998. F); 77 J2: 2 (28. VIII. 1998. F); 77 S1: 3 (18. IX. 1998. F); 77 S1: 9 (10. X. 1998. F); 77 S1: 2 (30. X. 1998. F); 77 J2: 1 (30. X. 1998. F); 77 S1: 1 (28. XI. 1998. F); 77 J2: 1 (28. XI. 1998. F); 80: 2♂, 5♀ (24. V. 2002. F); 80: 1♀ (27. III. 2003., V); 81: 1♂, 5♀ (23. V. 2002. F); 85: 1♂, 2♀ (11. V. 2004. F); 86: 4♂ (23. VII. 2003. F); 88: 2♂, 4♀ (10. X. 2003. F); 89: 1♂ (22. VII. 2003. F); 90: 1♂ (23. VII. 2003. F); 93: 2♂, 4 ♀ (11. V. 2004. F); 92: 3♂, 7♀ (11. IV. 1997. F); 94: 7♂, 14♀ (10. X. 2003. F); 95: 1♀ (16. X. 2003. F); 99 J4: 2 (02. IV. 1998. F); 99 O3: 1 (24. IV. 1998. F); 99 J4: 23 (24. IV. 1998. F); 99 O3: 1 (18. V. 1998. F); 99 J4: 27 (18. V. 1998. F); 99 S1: 5 (18. V. 1998. F); 99 O3: 1 (06. VI. 1998. F); 99 J4: 3 (06. VI. 1998. F); 99 O3: 1 (27. VI. 1998. F); 99 J4: 9 (27. VI. 1998. F); 99 O3: 2 (20. VII. 1998. F); 99 J4: 3 (20. VII. 1998. F); 99 J4: 7 (08. VIII. 1998. F); 99 S1: 2 (08. VIII. 1998. F); 99 O3: 2 (28. VIII. 1998. F); 99 J4: 15 (28. VIII. 1998. F); 99 S2: 4 (28. VIII. 1998. F); 99 S1: 4 (28. VIII. 1998. F); 99 O3: 1 (28. XI. 1998. F); 99 J4: 6 (28. XI. 1998. F); 99 S2: 1 (28. XI. 1998. F); 106: 3♀ (30. IX. 1999., FL); 110: 3♂, 1♀ (30. IV. 2004. F);

6. *Hyloniscus vividus* (*C. Koch*, 1841) (*Fig. 7*)

Published data: 1 (*Gebhardt,* 1934); 64 (*Kesselyák,* 1937); 34, 109 and several sites of Mecsek Mts. (*Farkas,* 2004a);

New data: 27: 1♀ (07. V. 2004. F); 29: 1♀ (09. X. 2003. F); 31: 1♂ (09. X. 2003. F); 70: 5♀ (07. V. 2004. F);

7. *Haplophthalmus mengii* (*Zaddach*, 1844) (*Fig. 8*)

Published data: 6 (*Vilisics and Farkas,* 2004); 59 (*Farkas,* 2004a);

New data: 4: 1♀ (10. X. 2003. F); 24: 1♀ (18. X. 2003. F); 29: 1♂ (09. X. 2003. F); 33: 3♂, 1♀ (18. X. 2003. F); 42: 1♀ (19. X. 2003. F); 46: 5♂, 5♀ (19. X. 2003. F); 58: 3♂, 7♀ (24. IV. 2004. F); 75: 5♂ (18. X. 2003. F); 80: 1♀ (13. XII. 2003., V); 93: 1♀ (11. V. 2004. F); 95: 1♂ (16. X. 2003. F);

8. *Haplophthalmus danicus* (*Budde-Lund*, 1880) (*Fig. 9*)

Published data: 6: (*Vilisics and Farkas,* 2004); 59: (*Farkas*, 2004a);

New data: 9: 3♂, 3♀ (11. V. 2004. F); 11: 3♀ (23. VII. 2003. F); 24: 1♀ (18. X. 2003. F); 29: 1♀ (09. X. 2003. F); 42: 5♂, 6♀ (19. X. 2003. F); 46: 5♂, 5♀ (19. X. 2003. F); 52: 2♂ (23. VII. 2003. F); 58: 3♂, 6♀ (24. IV. 2004. F); 69: 3♀ (24. IV. 2004. F); 70: 2♂, 14♀ (07. V. 2004. F); 86: 2♂ (23. VII. 2003. F); 90: 2♂ (23. VII. 2003. F); 94: 3♂, 1♀ (10. X. 2003. F); 95: 3♀ (16. X. 2003. F);

9. *Calconiscellus karawankianus* (*Verhoeff,* 1908) (*Fig. 10*)

New data: 4: 4♂, 7♀ (10. X. 2003. F);

Platyarthridae

10. *Platyarthrus hoffmannseggii* (*Brandt,* 1833) (*Fig. 11*)
Published data: 6 (*Vilisics and Farkas*, 2004); 15, 47 (*Farkas*, 1998a); 54 (*Farkas*, 1995); "Mecsek" (*Dudich,* 1925); 64, 79 (*Farkas,* 2004a);
New data: 3: 2♂, 4♀ (16. X. 2003. F); 7: 2♀ (07. V. 2004. F); 27: 2♀ (07. V. 2004. F); 36: 4♀ (23. VII. 2003. F); 42: 2♂ (19. X. 2003. F); 46: 4♂, 5♀ (19. X. 2003. F); 51: 4♀ (23. VII. 2003. F); 52: 4♀ (23. VII. 2003. F); 55: 5♀ (23. VII. 2003. F); 58: 6♂, 2♀ (24. IV. 2004. F); 72: 5♀ (22. VII. 2003. F); 78: 2♂, 4♀ (10. X. 2003. F); 80: 1♀ (27. III. 2003. V); 85: 2♀ (11. V. 2004. F); 88: 2♂ (10. X. 2003. F); 90: 5♀ (23. VII. 2003. F); 93: 1♂, 5♀ (11. V. 2004. F); 94: 1♂, 4♀ (10. X. 2003. F);
11. *Platyarthrus schoblii* (*Budde-Lund*, 1885) (*Fig. 12*)
New data: 79: 2♂, 8♀ (10. IX. 2004. V);
12. *Trichorina tomentosa* (*Budde-Lund*, 1893) (*Fig. 13*)
Published data: 79 *(Farkas*, 2004a);

Philosciidae

13. *Lepidoniscus minutus* (*C. Koch*, 1838) (*Fig. 14*)
Published data: 34 and several sites of Mecsek Mts. (*Farkas,* 2004a); "Mecsek" (*Kesselyák,* 1936);
New data: 4: 3♂ (10. X. 2003. F); 8: 1♀ (07. V. 2004. F); 29: 1♂ (09. X. 2003. F); 63: 4♂ (24. V. 2002. F);

Trachelipodidae

14. *Porcellium collicola* (*Verhoeff*, 1907) (*Fig. 15*)
Published data: 6 (*Vilisics and Farkas,* 2004), 44, 59, 68, 79, 84, 87 and several sites of Mecsek Mts. (*Farkas,* 2004a); 108 (*Farkas,* 1998a); 67 (*Loksa,* 1966);
New data: 2: 2♂, 4♀ (16. X. 2003. F); 5 O8: 3 (02. IV. 1998. F); 5 S1: 1 (02. IV. 1998. F); 5 P2: 13 (24. IV. 1998. F); 5 K4: 20 (24. IV. 1998. F); 5 S1: 11 (24. IV. 1998. F); 5 P2: 5 (18. V. 1998. F); 5 O8: 8 (18. V. 1998. F); 5 K4: 17 (18. V. 1998. F); 5 S1: 10 (18. V. 1998. F); 5 P2: 1 (06. VI. 1998. F); 5 O8: 2 (06. VI. 1998. F); 5 K4: 8 (06. VI. 1998. F); 5 S1: 3 (06. VI. 1998. F); 5 P2: 2 (27. VI. 1998. F); 5 O8: 8 (27. VI. 1998. F); 5 K4: 43 (27. VI. 1998. F); 5 S1: 13 (27. VI. 1998. F); 5 P2: 21 (20. VII. 1998. F); 5 O8: 12 (20. VII. 1998. F); 5 K4: 61 (20. VII. 1998. F); 5 S1: 71 (20. VII. 1998. F); 5 P2: 9 (08. VIII. 1998. F); 5 O8: 10 (08. VIII. 1998. F); 5 K4: 41 (08. VIII. 1998. F); 5 S1: 103 (08. VIII. 1998. F); 5 P2: 3 (28. VIII. 1998. F); 5 O8: 7 (28. VIII. 1998. F); 5 K4: 28 (28. VIII. 1998. F); 5 S1: 28 (28. VIII. 1998. F); 5 P2: 11 (18. IX. 1998. F); 5 O8: 27 (18. IX. 1998. F); 5 K4: 82 (18. IX. 1998. F); 5 S1: 52 (18. IX. 1998. F); 5 P2: 13 (10. X. 1998. F); 5 O8: 30 (10. X. 1998. F); 5 K4: 141 (10. X. 1998. F); 5 S1: 87 (10. X. 1998. F); 5 P2: 10 (30. X. 1998. F); 5 O8: 24 (30. X. 1998. F); 5 K4: 90 (30. X. 1998. F); 5 S1: 29 (30. X. 1998. F); 5 P2: 16 (28. XI. 1998. F); 5 O8: 5 (28. XI. 1998. F); 5 K4: 5 (28. XI. 1998. F); 5 S1: 3 (28. XI. 1998. F); 7: 1♀ (07. V. 2004. F); 11: 3♂ (23. VII. 2003. F); 13: 1♂, 1♀ (30. IV. 2004. F); 24: 2♀; 1♀ (18. X. 2003. F); 26 P1: 5 (11. IV. 1997. F); 26 P1: 14 (02. V. 1997. F); 26 L2: 1 (23. V. 1997. F); 26 P1: 17 (23. V. 1997. F); 26 L2: 2 (14. VI. 1997. F); 26 P1: 79 (14. VI. 1997. F); 26 L2: 19 (26. VII. 1997. F); 26 P1: 26 (26. VII. 1997. F); 26 P1: 12 (07. XI. 1997. F); 27: 2♂, 3♀ (07. V. 2004. F); 30: 7♂, 3♀ (09. X. 2003. F); 31: 2♂, 6♀ (09. X. 2003. F); 36: 2♂ (23. VII. 2003. F); 39 B5: 5 (02. IV. 1998. F); 39 D5: 3 (02. IV. 1998. F); 39 T5: 1 (02. IV. 1998. F); 39 B5: 4 (24. IV. 1998. F); 39 D5: 5 (24. IV. 1998. F); 39 T5: 1 (24. IV. 1998. F); 39 B5: 60 (18. V. 1998. F); 39 D5: 9 (18. V. 1998. F); 39 S2: 1 (18. V. 1998. F); 39 T5: 1 (18. V. 1998. F); 39 B5: 55 (06. VI. 1998. F); 39 D5: 15 (06. VI. 1998. F); 39 S2: 6 (06. VI. 1998. F); 39 T5: 1 (06. VI. 1998. F); 39 B5: 95 (27. VI. 1998. F); 39 D2: 6 (27. VI. 1998. F); 39 S2: 5 (27. VI. 1998. F); 39 B5:

122 (20. VII. 1998. F); 39 D5: 11 (20. VII. 1998. F); 39 S2: 27 (20. VII. 1998. F); 39 B5: 4 (08. VIII. 1998. F); 39 D5: 10 (08. VIII. 1998. F); 39 S2: 7 (08. VIII. 1998. F); 39 B5: 2 (28. VIII. 1998. F); 39 S2: 15 (28. VIII. 1998. F); 39 B5: 59 (18. IX. 1998. F); 39 D5: 4 (18. IX. 1998. F); 39 S2: 4 (18. IX. 1998. F); 39 B5: 97 (10. X. 1998. F); 39 D5: 20 (10. X. 1998. F); 39 S2: 23 (10. X. 1998. F); 39 B5: 59 (30. X. 1998. F); 39 D5: 18 (30. X. 1998. F); 39 S2: 2 (30. X. 1998. F); 39 B5: 60 (28. XI. 1998. F); 39 D5: 28 (28. XI. 1998. F); 39 S2: 2 (28. XI. 1998. F); 40: 5 (02. IV. 1998. F); 40: 36 (24. IV. 1998. F); 40: 112 (18. V. 1998. F); 40: (06. VI. 1998. F) 307; 40: 379 (27. VI. 1998. F); 40: 840 (20. VII. 1998. F); 40: 318 (08. VIII. 1998. F); 40: 258 (28. VIII. 1998. F); 40: 245 (18. IX. 1998. F); 40: 123 (10. X. 1998. F); 40: 64 (30. X. 1998. F); 40: 19 (28. XI. 1998. F); 41: 7 (26. VII. 1997. F); 42: 3♂, 3♀ (19. X. 2003. F); 46: 3♀ (19. X. 2003. F); 56 L2: 1 (11. IV. 1997. F); 56 S4: 1 (11. IV. 1997. F); 56 J5: 8 (11. IV. 1997. F); 56 J5: 11 (02. V. 1997. F); 56 J5: 31 (14. VI. 1997. F); 56 L2: 1 (26. VII. 1997. F); 56 J5: 16 (26. VII. 1997. F); 56 J5: 1 (07. XI. 1997. F); 58: 1♂, 1♀ (24. IV. 2004. F); 63: 4 ♂, 6♀ (24. V. 2002. F); 69: 3♀ (24. IV. 2004. F); 71: 2♂, 3♀ (07. V. 2004. F); 73: 2♀ (30. IV. 2004. F); 76 K1: 7 (11. IV. 1997. F); 76 S1: 11 (11. IV. 1997. F); 76 K1: 29 (02. V. 1997. F); 76 S1: 44 (02. V. 1997. F); 76 K1: 23 (23. V. 1997. F); 76 S1: 51 (23. V. 1997. F); 76 K1: 50 (14. VI. 1997. F); 76 S1: 68 (14. VI. 1997. F); 76 K1: 141 (26. VII. 1997. F); 76 S1: 138 (26. VII. 1997. F); 76 K1: 356 (07. XI. 1997. F); 76 S1: 154 (07. XI. 1997. F); 77 S1: 13 (02. IV. 1998. F); 77 J5: 5 (02. IV. 1998. F); 77 S1: 57 (24. IV. 1998. F); 77 J5: 16 (24. IV. 1998. F); 77 S1: 46 (18. V. 1998. F); 77 J5: 28 (18. V. 1998. F); 77 S1: 63 (06. VI. 1998. F); 77 J5: 55 (06. VI. 1998. F); 77 S1: 207 (27. VI. 1998. F); 77 J5: 72 (27. VI. 1998. F); 77 S1: 370 (20. VII. 1998. F); 77 J5: 140 (20. VII. 1998. F); 77 S1: 359 (08. VIII. 1998. F); 77 J5: 71 (08. VIII. 1998. F); 77 S1: 100 (28. VIII. 1998. F); 77 J5: 19 (28. VIII. 1998. F); 77 S1: 108 (18. IX. 1998. F); 77 J5: 14 (18. IX. 1998. F); 77 S1: 119 (10. X. 1998. F); 77 J5: 16 (10. X. 1998. F); 77 S1: 66 (30. X. 1998. F); 77 J5: 7 (30. X. 1998. F); 77 S1: 6 (28. XI. 1998. F); 77 J5: 3 (28. XI. 1998. F); 78 : 2♂, 4♀ (10. X. 2003. F); 80: 2♂, 5♀ (27. III. 2003., V); 80: 5♂, 9♀ (23. V. 2002. F); 81: 4♂, 4♀ (23. V. 2002. F); 83: 1♀ (19. X. 2003. F); 85: 2♂, 7♀ (11. V. 2004. F); 88: 2♂ (10. X. 2003. F); 90: 2♂ (23. VII. 2003. F); 92: 5♂, 11♀ (11. IV. 1997. F); 93: 1♂ (11. V. 2004. F); 94: 4♀ (10 X. 2003. F); 95: 6♂, 8♀ (16. X. 2003. F); 97: 1 (24. IV. 1998. F); 97: 6 (27. VI. 1998. F); 97: 42 (20. VII. 1998. F); 97: 7 (08. VIII. 1998. F); 97: 9 (28. VIII. 1998. F); 97: 51 (18. IX. 1998. F); 97: 32 (10. X. 1998. F); 97: 4 (30. X. 1998. F); 97: 1 (28. XI. 1998. F); 98 S1: 9 (02. IV. 1998. F); 98 S1: 19 (24. IV. 1998. F); 98 S1: 36 (18. V. 1998. F); 98 K1: 2 (18. V. 1998. F); 98 S1: 31 (06. VI. 1998. F); 98 K1: 6 (06. VI. 1998. F); 98 S1: 25 (27. VI. 1998. F); 98 K1: 18 (27. VI. 1998. F); 98 S1: 14 (20. VII. 1998. F); 98 K1: 11 (20. VII. 1998. F); 98 S1: 104 (08. VIII. 1998. F); 98 K1: 2 (08. VIII. 1998. F); 98 S1: 19 (28. VIII. 1998. F); 98 K1: 4 (28. VIII. 1998. F); 98 S1: 51 (18. IX. 1998. F); 98 K1: 6 (18. IX. 1998. F); 98 S1: 117 (10. X. 1998. F); 98 K1: 6 (10. X. 1998. F); 98 S1: 73 (30. X. 1998. F); 98 K1: 3 (30. X. 1998. F); 98 S1: 129 (28. XI. 1998. F); 98 K1: 2 (28. XI. 1998. F); 99 O3: 3 (02. IV. 1998. F); 99 J4: 6 (02. IV. 1998. F); 99 O3: 4 (24. IV. 1998. F); 99 J4: 15 (24. IV. 1998. F); 99 S1: 1 (24. IV. 1998. F); 99 O3: 13 (18. V. 1998. F); 99 J4: 72 (18. V. 1998. F); 99 S2: 3 (18. V. 1998. F); 99 O3: 2 (06. VI. 1998. F); 99 J4: 12 (06. VI. 1998. F); 99 S1: 1 (06. VI. 1998. F); 99 O3: 9 (27. VI. 1998. F); 99 J4: 58 (27. VI. 1998. F); 99 S2: 5 (27. VI. 1998. F); 99 S1: 1 (27. VI. 1998. F); 99 O3: 48 (20. VII. 1998. F); 99 J4: 54 (20. VII. 1998. F); 99 S2: 28 (20. VII. 1998. F); 99 S1: 1 (20. VII. 1998. F); 99 O3: 19 (08. VIII. 1998. F); 99 J4: 50 (08. VIII. 1998. F); 99 S2: 6 (08. VIII. 1998. F); 99 O3: 11 (28. VIII. 1998. F); 99 J4: 44 (28. VIII. 1998. F); 99 S2: 5 (28. VIII. 1998. F); 99 S1: 1 (28. VIII. 1998. F); 99 S1: 1 (10. X. 1998. F); 99 S1: 2 (30. X. 1998. F); 99 O3: 5 (28. XI. 1998. F); 99 J4: 6 (28. XI. 1998. F); 102: 1♂ (01. V. 2002., V); 102: (10. X. 2002., V) ♀5; 103: (30. IV. 2002., V) ♀3; 103: (24. VII. 2002., V) ♀1; 103: 5♀ (10. X. 2002., V); 104: 1♀ (01. V.

2002., V); 104: 1♂, 4♀ (01. V. 2002., V); 104: 12♀ (14. X. 2002., V); 104: 1♂ 21♀ (14. X. 2002., V); 105: 3♀ (30. IV. 2002., V); 106: 30♂, 176♀ (30. IX. 1999., FL); 106: 2♂, 15♀ (30. 11. 1999., FL); 106: 23♂, 60♀ (28. II. 2000., FL); 106: 12♂, 25♀ (31. III. 2000., FL); 106: 8♂, 33♀ (30. IV. 2000., FL); 106: 4♀ (30. VI. 2000., FL); 106: 9♂, 24♀ (30. IV. 2002., V); 106: 1♀ (22. VII. 2002., V); 106: 2♀ (10. X. 2002. V); 110: 2♂, 3♀ (30 IV. 2004. F);

15. *Trachelipus ratzeburgii* (*Brandt*, 1833) (*Fig. 16*)

Published data: 5 (*Vilisics and Farkas,* 2004); "Mecsek" (*Gebhardt,* 1933); 34, Mecsek Mts.: Sín gödör valley (*Gebhardt,* 1960); 38 (*Farkas,* 1998a), 34, 37, 45, 59, 87 and several sites in the Mecsek Mts. (*Farkas,* 2004a);

New data: 2: 4♂, 4♀ (16. X. 2003. F); 4: 4♂, 10♀, juv. 14 (10. X. 2003. F); 7: 2♂, 1♀ (07. V. 2004. F); 8: 1♂, 1♀ (07. V. 2004. F); 36: 3♂ (23. VII. 2003. F); 19: 4♀ (23. VII. 2003. F); 21: 2♀ (24. IV. 2004. F); 22: 2♂ (23. VII. 2003. F); 24: 1♀ (18. X. 2003. F); 40: 6 (06. VI. 1998. F); 40: 2 (27. VI. 1998. F); 40: 6 (20. VII. 1998. F); 40: 10 (08. VIII. 1998. F); 40: 14 (28. VIII. 1998. F); 40: 2 (18. IX. 1998. F); 40: 3 (10. X. 1998. F); 41: 3 (26. VII. 1997. F); 42: 3♂, 3♀ (19. X. 2003. F); 58: 3♀ (24. IV. 2004. F); 69: 2♂, 7♀, juv. 16 (24. IV. 2004. F); 70: 1♀ (07. V. 2004. F); 85: 2♂, 6♀ (11. V. 2004. F); 89: 3♂ (22. VII. 2003. F); 95: 1♂ (16. X. 2003. F); 99 J4: 1 (20. VII. 1998. F); 99 S2: 2 (20. VII. 1998. F); 99 J4: 1 (08. VIII. 1998. F); 99 S2: 2 (08. VIII. 1998. F); 99 J4: 5 (28. VIII. 1998. F); 99 S2: 4 (28. VIII. 1998. F); 99 S1: 1 (30. X. 1998. F); 110: 1♂, 4♀ (30. IV. 2004. F);

16. *Trachelipus nodulosus* (*C. Koch*, 1838) (*Fig. 17*)

Published data: 5 (*Vilisics and Farkas,* 2004); 67 (*Loksa,* 1966); 54 (*Farkas,* 1995); 68, 84, 79, and several sites in the Mecsek Mts. (*Farkas,* 2004a);

New data: 7: 1♂, 2♀ (07. V. 2004. F); 9: 1♀ (11. V. 2004. F); 10: 3♀ (23. VII. 2003. F); 19: 4♀ (23. VII. 2003. F); 20: 2♀ (23. VII. 2003. F); 22: 4♀ (23. VII. 2003. F); 23: 1♀ (18. X. 2003. F); 31: 1♂, 1♀ (09. X. 2003. F); 33: 3♂, 5♀ (18. X. 2003. F); 43: 5♀ (23. VII. 2003. F); 48: 5♂, 12♀ (15. V. 2001. F); 49: 4♂, 9♀ (15. V. 2001. F); 50: 3♂ (23. VII. 2003. F); 52: 3♂ (23. VII. 2003. F); 55: 2♂ (23. VII. 2003. F); 58: 1♂ (24. IV. 2004. F); 63: 3♂, 7♀ (24. V. 2002. F); 72: 4♂ (22. VII. 2003. F); 75: 1♂ (18. X. 2003. F); 80: 2♂, 8♀ (23. V. 2002. F); 81: 3♂, 5♀ (23. V. 2002. F); 86: 3♂ (23. VII. 2003. F); 88: 1♂, 1♀ (10. X. 2003. F); 90: 4♂ (23. VII. 2003. F); 92: 1♂, 3♀ (11. IV. 1997. F); 93: 1♀ (11. V. 2004. F); 95: 2♂, 2♀ (16. X. 2003. F); 99 S1: 1 (28. XI. 1998. F); 102: 5♂, 22♀ (01. V. 2002. V); 102: 27♂, 131♀ (10. X. 2002. V); 102: 5♂, 4♀ (22. VII. 2002. V); 103: 1♂, 9♀ (10. X. 2002. V); 103: 2♂, 11♀ (24. VII. 2002. V); 103: 2♀ (30. IV. 2002. V); 104: 2♂, 11♀ (01. V. 2002. V); 104: 4♂, 2♀ (01. V. 2002. V); 104: 17♂, 32♀ (14. X. 2002., V); 104: 7♂, 37♀ (14. X. 2002., V); 104: 4♀ (29. VII. 2002. V); 105: 1♂, 1♀ (09. X. 2002., V); 105: 2♂, 5♀ (24. VII. 2002., V); 105: 8♂, 8♀ (30. IV. 2002., V); 106: 1♀ (10. X. 2002., V); 106: 3♂, 6♀ (10. X. 2002., V); 106: 1♂, 3♀ (22. VII. 2002., V); 106: 3♂, 7♀ (30. IV. 2000., FL); 106: 1♀ (30. IV. 2002., V); 106: 31♂, 91♀ (30. IX. 1999., FL); 106: 3♂, 6♀ (30. V. 2000., FL); 106: 1♂, 9♀ (30. VI. 2000., FL); 106: 3♂, 12♀ (30. XI. 1999., FL); 106: 1♂, 1♀ (31. III. 2000., FL); 107: 5♂, 25♀ (10. X. 2002., V); 107: 11♂, 35♀ (23. VII. 2002., V); 107: 6♂, 6♀ (30. IV. 2002., V); 110: 1♂, 7♀ (30. IV. 2004. F);

17. *Trachelipus rathkii* (*Brandt,* 1833) (*Fig. 18*)

Published data: 5 (*Vilisics and Farkas,* 2004); 15, 16, 17, 18, 25, 38, 44, 47, 57, 82, 91, 99 (*Farka*s, 1998a); 28 (*Farkas*, 1998b); 34, 45, 59, 79, 84, 87, 109 and several sites in the Mecsek Mts. (*Farka,s* 2004a); 54 (*Farkas,* 1995);

New data: 3: 1♀ (16. X. 2003. F); 5 P2: 2 (24. IV. 1998. F); 5 S1: 1 (24. IV. 1998. F); 5 P2: 9 (18. V. 1998. F); 5 O8: 1 (18. V. 1998. F); 5 K4: 1 (18. V. 1998. F); 5 S1: 1 (18. V. 1998. F); 5 P2: 15 (06. VI. 1998. F); 5 O8: 2 (06. VI. 1998. F); 5 S1: 1 (06. VI. 1998. F); 5 P2: 22 (27. VI. 1998. F); 5 O8: 2 (27. VI. 1998. F); 5 P2: 21 (20. VII. 1998. F); 5 K4: 1 (20. VII.

1998. F); 5P2: 17 (08. VIII. 1998. F); 5 P2: 26 (28. VIII. 1998. F); 5 O8: 2 (28. VIII. 1998. F); 5 P2: 19 (18. IX. 1998. F); 5 O8: 4 (18. IX. 1998. F); 5 S1: 1 (18. IX. 1998. F); 5 P2: 13 (10. X. 1998. F); 5 O8: 8 (10. X. 1998. F); 5 P2: 2 (30. X. 1998. F); 5 O8: 1 (30. X. 1998. F); 5 P2: 9 (28. XI. 1998. F); 5 O8: 3 (28. XI. 1998. F); 9: 3♀ (11. V. 2004. F); 12: 1♂ (11. V. 2004. F); 14: 3♀ (24. IV. 2004. F); 22: 1♂ (23. VII. 2003. F); 23: 1♀ (18. X. 2003. F); 24: 1♂, 6♀ (18. X. 2003. F); 26 K1: 1 (11. IV. 1997. F); 26 P1: 6 (11. IV. 1997. F); 26 P1: 24 (02. V. 1997. F); 26 K1: 3 (23. V. 1997. F); 26 P1: 96 (23. V. 1997. F); 26 P1: 147 (14. VI. 1997. F); 26 K1: 6 (26. VII. 1997. F); 26 P1: 15 (26. VII. 1997. F); 26 P1: 6 (07. XI. 1997. F); 27: 4♀ (07. V. 2004. F); 30: 1♂ (09. X. 2003. F); 31: 1♀ (9. X. 2003. F); 32 S1: 22 (24. IV. 1998. F); 32 K1: 10 (24. IV. 1998. F); 32 S1: 42 (18. V. 1998. F); 32 S1: 15 (06. VI. 1998. F); 32 K1: 18 (06. VI. 1998. F); 32 S1: 140 (27. VI. 1998. F); 32 S1: 75 (20. VII. 1998. F); 32 S1: 146 (08. VIII. 1998. F); 32 K1: 1 (08. VIII. 1998. F); 32 S1: 59 (28. VIII. 1998. F); 32 K1: 1 (28. VIII. 1998. F); 32 S1: 37 (19. IX. 1998. F); 32 S1: 125 (10. X. 1998. F); 32 K1: 4 (10. X. 1998. F); 32 S1: 55 (30. X. 1998. F); 32 K1: 1 (30. X. 1998. F); 32 S1: 12 (28. XI. 1998. F); 32 K1: 1 (28. XI. 1998. F); 39 B5: 1 (02. IV. 1998. F); 39 T5: 2 (02. IV. 1998. F); 39 B5: 12 (24. IV. 1998. F); 39 D5: 6 (24. IV. 1998. F); 39 S2: 1 (24. IV. 1998. F); 39 T5: 9 (24. IV. 1998. F); 39 B5: 39 (18. V. 1998. F); 39 D5: 7 (18. V. 1998. F); 39 S2: 1 (18. V. 1998. F); 39 T5: 5 (18. V. 1998. F); 39 B5: 88 (06. VI. 1998. F); 39 D5: 7 (06. VI. 1998. F); 39 T5: 7 (06. VI. 1998. F); 39 B5: 88 (27. VI. 1998. F); 39 D5: 2 (27. VI. 1998. F); 39 S2: 4 (27. VI. 1998. F); 39 T5: 3 (27. VI. 1998. F); 39 B5: 111 (20. VII. 1998. F); 39 D5: 20 (20. VII. 1998. F); 39 S2: 3 (20. VII. 1998. F); 39 T5: 4 (20. VII. 1998. F); 39 B5: 42 (08. VIII. 1998. F); 39 D5: 8 (08. VIII. 1998. F); 39 S2: 1 (08. VIII. 1998. F); 39 T5: 4 (08. VIII. 1998. F); 39 B5: 29 (28. VIII. 1998. F); 39 D5: 1 (28. VIII. 1998. F); 39 S2: 3 (28. VIII. 1998. F); 39 B5: 44 (18. IX. 1998. F); 39 D5: 5 (18. IX. 1998. F); 39 S2: 1 (18. IX. 1998. F); 39 T5: 5 (18. IX. 1998. F); 39 B5: 169 (10. X. 1998. F); 39 D5: 16 (10. X. 1998. F); 39 S2: 1 (10. X. 1998. F); 39 T5: 3 (10. X. 1998. F); 39 B5: 86 (30. X. 1998. F); 39 D5: 23 (30. X. 1998. F); 39 T5: 6 (30. X. 1998. F); 39 B5: 23 (28. XI. 1998. F); 39 D5: 16 (28. XI. 1998. F); 40: 7 (02. IV. 1998. F); 40: 15 (24. IV. 1998. F); 40: 42 (18. V. 1998. F); 40: 127 (06. VI. 1998. F); 40: 102 (27. VI. 1998. F); 40: 311 (20. VII. 1998. F); 40: 187 (08. VIII. 1998. F); 40: 119 (28. VIII. 1998. F); 40: 79 (18. IX. 1998. F); 40: 31 (10. X. 1998. F); 40: 55 (30. X. 1998. F); 40: 14 (28. XI. 1998. F); 41: 1 (11. IV. 1997. F); 41: 54 (26. VII. 1997. F); 41: 4 (07. XI. 1997. F); 42: 1♂, 8♀ (19. X. 2003. F); 46: 6♂, 4♀ (19. X. 2003. F); 56 J5: 12 (11. IV. 1997. F); 56 S4: 1 (02. V. 1997. F); 56 J5: 8 (02. V. 1997. F); 56 S4: 5 (23. V. 1997. F); 56 J5: 2 (23. V. 1997. F); 56 L2: 1 (14. VI. 1997. F); 56 S4: 2 (14. VI. 1997. F); 56 J5: 39 (14. VI. 1997. F); 56 J5: 39 (26. VII. 1997. F); 58: 1♂ (24. IV. 2004. F); 63: 4♂, 7♀ (24. V. 2002. F); 71: 2♂, 1♀ (07. V. 2004. F); 73: 1♀ (30. IV. 2004. F); 75: 1♀ (18. X. 2003. F); 76 K1: 7 (02. V. 1997. F); 76 S1: 2 (02. V. 1997. F); 76 K1: 12 (23. V. 1997. F); 76 K1: 13 (14. VI. 1997. F); 76 S1: 7 (14. VI. 1997. F); 76 K1: 7 (26. VII. 1997. F); 76 S1: 2 (26. VII. 1997. F); 76 K1: 16 (07. XI. 1997. F); 76 S1: 6 (07. XI. 1997. F); 77 S1: 7 (24. IV. 1998. F); 77 J5: 2 (24. IV. 1998. F); 77 S1: 2 (18. V. 1998. F); 77 J5: 9 (18. V. 1998. F); 77 S1: 7 (06. VI. 1998. F); 77 J5: 13 (06. VI. 1998. F); 77 S1: 5 (27. VI. 1998. F); 77 J5: 4 (27. VI. 1998. F); 77 S1: 7 (20. VII. 1998. F); 77 J5: 15 (20. VII. 1998. F); 77 S1: 4 (08. VIII. 1998. F); 77 J5: 13 (08. VIII. 1998. F); 77 S1: 2 (28. VIII. 1998. F); 77 J5: 5 (28. VIII. 1998. F); 77 J5: 3 (18. IX. 1998. F); 77 J5: 1 (10. X. 1998. F); 77 J5: 4 (30. X. 1998. F); 80: 2♂, 9♀ (23. V. 2002. F); 81: 2♂, 6♀ (23. V. 2002. F); 85: 1♂, 3♀ (11. V. 2004.. F); 90: 1♂ (23. VII. 2003. F); 92: 5♂, 9♀ (11. IV. 1997. F); 93: 3♀ (11. V. 2004. F); 94: 1♂, 1♀ (10. X. 2003. F); 94: 1♂ (07. II. 2004. V); 95: 2♂, 5♀ (16. X. 2003. F); 97: 2 (24. IV. 1998. F); 97: 1 (10. X. 1998. F); 98 S1: 1 (18. V. 1998. F); 98 S1: 5 (06. VI. 1998. F); 98 S1: 3 (18. IX. 1998. F); 98 S1: 3 (10. X. 1998. F); 98 S1: 6 (28. XI. 1998. F); 99 O3: 3 (02. IV. 1998. F); 99 J4: 11 (02. IV. 1998. F); 99 S2: 1 (02.

IV. 1998. F); 99 O3: 6 (24. IV. 1998. F); 99 J4: 8 (24. IV. 1998. F); 99 S2: 5 (24. IV. 1998. F); 99 O3: 21 (18. V. 1998. F); 99 J4: 51 (18. V. 1998. F); 99 S2: 49 (18. V. 1998. F); 99 S1: 3 (18. V. 1998. F); 99 O3: 50 (06. VI. 1998. F); 99 J4: 139 (06. VI. 1998. F); 99 S2: 88 (06. VI. 1998. F); 99 S1: 2 (06. VI. 1998. F); 99 O3: 16 (27. VI. 1998. F); 99 J4: 105 (27. VI. 1998. F); 99 S2: 51 (27. VI. 1998. F); 99 S1: 1 (27. VI. 1998. F); 99 O3: 23 (20. VII. 1998. F); 99 J4 : 159 (20. VII. 1998. F); 99 S2: 322 (20. VII. 1998. F); 99 S1: 4 (20. VII. 1998. F); 99 O3: 14 (08. VIII. 1998. F); 99 J4: 103 (08. VIII. 1998. F); 99 S2: 210 (08. VIII. 1998. F); 99 S1: 2 (08. VIII. 1998. F); 99 O3: 21 (28. VIII. 1998. F); 99 J4: 159 (28. VIII. 1998. F); 99 S2: 141 (28. VIII. 1998. F); 99 S1: 4 (28. VIII. 1998. F); 99 S1: 3 (18. IX. 1998. F); 99 S1: 1 (10. X. 1998. F); 99 S1: 2 (30. X. 1998. F); 99 O2: 2 (28. XI. 1998. F); 99 J4: 10 (28. XI. 1998. F); 99 S2: 12 (28. XI. 1998. F); 99 S1: 1 (28. XI. 1998. F);

Cylistidae

18. *Cylisticus convexus* (*De Geer*, 1778) (*Fig. 19*)

Published data: 47 (*Farkas,* 1998a); 68, 79, and several sites of Mecsek Mts. (*Farkas,* 2004a); "Pécs" (leg. *Tóth* in 1924, published in *Farkas,* 2004a);

New data: 3: 3♀ (16. X. 2003. F); 9: 1♀ (11. V. 2004. F); 11: 3♀ (23. VII. 2003. F); 13: 1♂, 2♀ (30. IV. 2004. F); 22: 3♀ (23. VII. 2003. F); 31: 1♂ (09. X. 2003. F); 33: 1♀ (18. X. 2003. F); 41: 5 (26. VII. 1997. F); 41: 1 (07. XI. 1997. F); 46: 1♂, 3♀ (19. X. 2003. F); 58: 5♀ (24. IV. 2004. F); 72: 3♀ (22. VII. 2003. F); 81: 1♂, 4♀ (23. V. 2002. F); 85: 1♂, 1♀ (11. V. 2004. F); 90: 3♀ (23. VII. 2003. F); 94: 3♀ (10. X. 2003. F); 99: 1 (06. VI. 1998. F);

Agnaridae

19. *Protracheoniscus franzi* (*Strouhal*, 1948) (*Fig. 20*)

New data: 24: 1♂ (18. X. 2003. F);

20. *Protracheoniscus major* (*Dollfus*, 1903) (Fig. 21.)

New data: Pécs, in a block of flats: 2♂, 3♀ (23. IX. 1996. F); Pécs, in a block of flats: 1♀ (13. XII. 2003., *Vilisics*);

21. *Protracheoniscus politus* (*C. Koch*, 1841) (*Fig. 22*)

Published data: 5 (*Vilisics and Farkas,* 2004); 34, 37, 45, 59, 68, 84, 87, 109 and several sites of Mecsek Mts. (*Farkas,* 2004a); 67 (*Loksa*, 1966);

New data: 2: 1♂, 1♀ (16. X. 2003. F); 5 P2: 5 (02. IV. 1998. F); 5 O8: 1 (02. IV. 1998. F); 5 K4: 12 (02. IV. 1998. F); 5 S1: 4 (02. IV. 1998. F); 5 P2: 41 (24. IV. 1998. F); 5 O8: 10 (24. IV. 1998. F); 5 K4: 126 (24. IV. 1998. F); 5 S1: 131 (24. IV. 1998. F); 5 P2: 54 (18. V. 1998. F); 5 O8: 22 (18. V. 1998. F); 5 K4: 38 (18. V. 1998. F); 5 S1: 53 (18. V. 1998. F); 5 P2: 14 (06. VI. 1998. F); 5 K4: 14 (06. VI. 1998. F); 5 S1: 14 (06. VI. 1998. F); 5 P2: 18 (27. VI. 1998. F); 5 O8: 1 (27. VI. 1998. F); 5 K4: 22 (27. VI. 1998. F); 5 S1: 5 (27. VI. 1998. F); 5 P2: 27 (20. VII. 1998. F); 5 O8: 3 (20. VII. 1998. F); 5 K4: 106 (20. VII. 1998. F); 5 S1: 92 (20. VII. 1998. F); 5 P2: 41 (08. VIII. 1998. F); 5 O8: 9 (08. VIII. 1998. F); 5 K4: 54 (08. VIII. 1998. F); 5 S1: 265 (08. VIII. 1998. F); 5 P2: 57 (28. VIII. 1998. F); 5 O8: 22 (28. VIII. 1998. F); 5 K4: 37 (28. VIII. 1998. F); 5 S1: 110 (28. VIII. 1998. F); 5 P2: 91 (18. IX. 1998. F); 5 O8: 23 (18. IX. 1998. F); 5 K4: 96 (18. IX. 1998. F); 5 S1: 176 (18. IX. 1998. F); 5 P2: 122 (10. X. 1998. F); 5 O8: 56 (10. X. 1998. F); 5 K4: 228 (10. X. 1998. F); 5 S1: 225 (10. X. 1998. F); 5 S1: 81 (30. X. 1998. F); 5 O8: 98 (30. X. 1998. F); 5 K4: 260 (30. X. 1998. F); 5 S1: 80 (30. X. 1998. F); 5 P2: 72 (28. XI. 1998. F); 5 O8: 33 (28. XI. 1998. F); 5 K4: 83 (28. XI. 1998. F); 5 S1: 86 (28. XI. 1998. F); 7: 1♀ (07. V. 2004. F); 8: 1♂ (07. V. 2004. F); 12: 6♀ (11. V. 2004. F); 13: 5♀ (30. IV. 2004. F); 21: 2♀ (24. IV. 2004. F); 24: 2♀ (18. X. 2003. F); 26 K1: 27 (11. IV. 1997. F); 26 P1: 53 (11. IV. 1997. F); 26 K1: 41 (02. V. 1997. F); 26 P1: 86 (02. V. 1997. F); 26 K1: 17 (23. V. 1997. F); 26 P1: 43 (23. V. 1997. F); 26 K1: 39

(14. VI. 1997. F); 26 P1: 60 (14. VI. 1997. F); 26 K1: 85 (26. VII. 1997. F); 26 P1: 46 (26. VII. 1997. F); 26 K1: 10 (07. XI. 1997. F); 26 P1: 12 (07. XI. 1997. F); 27: 1♀ (07. V. 2004. F); 29: 1♂ (09. X. 2003. F); 31: 2♀ (09. X. 2003. F); 32 S1: 1 (18. V. 1998. F); 32 S1: 2 (10. X. 1998. F); 32 S1: 1 (30. X. 1998. F); 40: 28 (02. IV. 1998. F); 40: 166 (24. IV. 1998. F); 40: 91 (18. V. 1998. F); 40: 143 (06. VI. 1998. F); 40: 168 (27. VI. 1998. F); 40: 606 (20. VII. 1998. F); 40: 509 (08. VIII. 1998. F); 40: 700 (28. VIII. 1998. F); 40: 540 (18. IX. 1998. F); 40: 322 (10. X. 1998. F); 40: 111 (30. X. 1998. F); 40: 82 (28. XI. 1998. F); 41: 38 (11. IV. 1997. F); 41: 152 (26. VII. 1997. F); 41: 10 (07. XI. 1997. F); 46: 3♀ (19. X. 2003. F); 49: 2♂, 6♀ (15. V. 2001. F); 56 L2: 1 (11. IV. 1997. F); 56 L2: 4 (11. IV. 1997. F); 56 L2: 6 (02. V. 1997. F); 56 S4: 9 (02. V. 1997. F); 56 J5: 7 (02. V. 1997. F); 56 L2: 2 (23. V. 1997. F); 56 S4: 3 (23. V. 1997. F); 56 L2: 4 (14. VI. 1997. F); 56 S4: 2 (14. VI. 1997. F); 56 J5: 2 (14. VI. 1997. F); 56 J5: 4 (26. VII. 1997. F); 63: 2♂, 7♀ (24. V. 2002. F); 69: 1♂, 1♀ (24. IV. 2004. F); 70: 3♀ (07. V. 2004. F); 75: 1♀ (18. X. 2003. F); 92: 1♂, 2♀ (11. IV. 1997. F); 94: 1♀ (10. X. 2003. F); 95: 1♂, 1♀ (16. X. 2003. F); 97: 6 (02. IV. 1998. F); 97: 45 (24. IV. 1998. F); 97: 10 (18. V. 1998. F); 97: 39 (06. VI. 1998. F); 97: 206 (27. VI. 1998. F); 97: 210 (20. VII. 1998. F); 97: 236 (08. VIII. 1998. F); 97: 302 (28. VIII. 1998. F); 97: 503 (18. IX. 1998. F); 97: 480 (10. X. 1998. F); 97: 18 (30. X. 1998. F); 97: 10 (28. XI. 1998. F); 98 S1: 4 (02. IV. 1998. F); 98 K1: 11 (02. IV. 1998. F); 98 S1: 17 (24. IV. 1998. F); 98 K1: 88 (24. IV. 1998. F); 98 S1: 13 (18. V. 1998. F); 98 K1: 26 (18. V. 1998. F); 98 S1: 14 (06. VI. 1998. F); 98 K1: 104 (06. VI. 1998. F); 98 S1: 4 (27. VI. 1998. F); 98 K1: 87 (27. VI. 1998. F); 98 S1: 1 (20. VII. 1998. F); 98 K1: 178 (20. VII. 1998. F); 98 S1: 3 (08. VIII. 1998. F); 98 K1: 111 (08. VIII. 1998. F); 98 S1: 10 (28. VIII. 1998. F); 98 K1: 286 (28. VIII. 1998. F); 98 S1: 24 (18. IX. 1998. F); 98 K1: 371 (18. IX. 1998. F); 98 S1: 35 (10. X. 1998. F); 98 K1: 386 (10. X. 1998. F); 98 S1: 10 (30. X. 1998. F); 98 K1: 72 (30. X. 1998. F); 98 S1: 57 (28. XI. 1998. F); 98 K1: 118 (28. XI. 1998. F); 99 S1: 1 (10. X. 1998. F); 101: 1♂, 1♀ (19. X. 2003. F); 102: 2♀ (01. V. 2002., V); 102: 15♂, 8♀ (10. X. 2002., V); 102: 1♂, 15♀ (22 VII. 2002., V); 106: 1♂, 5♀ (28. II. 2000. FL); 106: 16♂, 4♀ (30. IV. 2000., FL); 106: 4♂ (30. IV. 2002., V); 106: 2♂, 4♀ (30. IX. 1999., FL); 106: 23♂, 43♀ (30. IX. 1999., FL); 106: 1♂, 6♀ (30. XI. 1999., FL); 106: 2♂, 2♀ (31. III. 2000., FL); 110 1♀ (30. IV. 2004. F);

Porcellionidae

22. *Porcellionides pruinosus* (*Brandt*, 1833) (*Fig. 23*)
Published data: 5 (*Vilisics and Farkas,* 2004); 68 (*Farkas,* 2004a);
New data: 10: 1♂ 3♀ (23. VII. 2003. F); 79: 1♂ (27. III. 2003. *Vilisics*);
23. *Porcellio scaber* (*Latreille*, 1804) (*Fig. 24*)
Published data: 54 (*Farkas*, 1995); 79 (*Farkas*, 2004a); "Pécs" (leg. *Tóth* in 1924, published in *Farkas*, 2004a);
New data: 39: 1♂ (18. V. 1998. F); 39: 1♂, 3♀ (27. VI. 1998. F);
24. *Porcellio laevis* (*Latreille*, 1804) (*Fig. 25*)
Published data: 1 (leg. Méhely in 1926, published in *Farkas,* 2004a);
25. *Proporcellio vulcanius* (*Verhoeff,* 1908) (*Fig. 26*)
Published data: 6 (*Vilisics & Farkas,* 2004); 68 (*Farkas,* 2004a);

Armadillidiidae

26. *Armadillidium nasatum* (*Budde-Lund*, 1885) (*Fig. 27*)
Published data: 79 (*Farkas and Vadkerti*, 2002);
27. *Armadillidium opacum* (*C. Koch*, 1841) (*Fig. 28*)
Published data: 6 (*Vilisics and Farkas*, 2004); 34, 59, 84, 87 (*Farkas,* 2004a)
New data: 5: 1 (02. IV. 1998. F); 5 P2: 8 (24. IV. 1998. F); 5 K4: 17 (24. IV. 1998. F); 5 S1: 35 (24. IV. 1998. F); 5 P2: 27 (18. V. 1998. F); 5 K4: 12 (18. V. 1998. F); 5 S1: 16 (18. V. 1998.

F); 5 P2: 21 (06. VI. 1998. F); 5 K4: 37 (06. VI. 1998. F); 5 S1: 13 (06. VI. 1998. F); 5 P2: 11 (27. VI. 1998. F); 5 K4: 17 (27. VI. 1998. F); 5 S1: 20 (27. VI. 1998. F); 5 P2: 22 (20. VII. 1998. F); 5 K4: 5 (20. VII. 1998. F); 5 S1: 33 (20. VII. 1998. F); 5 P2: 43 (08. VIII. 1998. F); 5 K4: 35 (08. VIII. 1998. F); 5 S1: 108 (08. VIII. 1998. F); 5 P2: 18 (28. VIII. 1998. F); 5 K4: 8 (28. VIII. 1998. F); 5 S1: 28 (28. VIII. 1998. F); 5 P2: 6 (18. IX. 1998. F); 5 K4: 13 (18. IX. 1998. F); 5 S1: 43 (18. IX. 1998. F); 5 P2: 6 (10. X. 1998. F); 5 K4: 25 (10. X. 1998. F); 5 S1: 54 (10. X. 1998. F); 5 S1: 2 (30. X. 1998. F); 5 K4: 11 (30. X. 1998. F); 5 S1: 3 (30. X. 1998. F); 24: 2♂, 3♀ (18. X. 2003. F); 32 S1: 22 (27. VI. 1998. F); 32 K1: 2 (27. VI. 1998. F); 56 L2: 1 (02. V. 1997. F); 56 S4: 6 (02. V. 1997. F); 56 J5: 2 (02. V. 1997. F); 56 L2: 2 (23. V. 1997. F); 56 S4: 1 (23. V. 1997. F); 56 L2: 3 (14. VI. 1997. F); 56 S4: 1 (14. VI. 1997. F); 56 J5: 4 (14. VI. 1997. F); 56 J5: 5 (26. VII. 1997. F); 92: 4♂, 8♀ (11. IV. 1997. F);

28. *Armadillidium versicolor* (*Stein*, 1859) (*Fig. 29*)

New data: 108: 1♂ (02. V. 1997. F); 108: 4♂, 2♀ (14.VI. 1999. F);

29. *Armadillidium vulgare* (*Latreille*, 1804) (*Fig. 30*)

Published data: 1 (*Gebhardt*, 1934); 5 (*Vilisics and Farkas,* 2004); 15, 16, 17, 18, 25, 38, 44, 47, 57, 82, 91, 99 (*Farkas,* 1998a); 28 (*Farkas,* 1998b); 34, 45, 68, 84 and several sites in the Mecsek Mts. (*Farkas*, 2004a); 54 (*Farkas*, 1995); 67 (*Loksa*, 1966);

New data: 5 P2: 7 **(**24. IV. 1998. F); 5 O8: 1 (24. IV. 1998. F); 5 K4: 1 (24. IV. 1998. F); 5 O8: 4 (18. V. 1998. F); 5 S1: 4 (18. V. 1998. F); 5 O8: 8 (06. VI. 1998. F); 5 P2: 1 (27. VI. 1998. F); 5 O7: 7 (27. VI. 1998. F); 5 S1: 1 (27. VI. 1998. F); 5 O8: 2 (20. VII. 1998. F); 5 P2: 1 (08. VIII. 1998. F); 5 O8: 5 (08. VIII. 1998. F); 5 O8: 1 (28. VIII. 1998. F); 5 O8: 2 (18. IX. 1998. F); 5 S1: 1 (18. IX. 1998. F); 5 O8: 5 (10. X. 1998. F); 5 O8: 1 (30. X. 1998. F); 5 K4: 4 (30. X. 1998. F); 9: 1♂, 3♀ (11. V. 2004. F); 12: 1♂, 1♀ (11. V. 2004. F); 13: 6♀ (30. IV. 2004. F); 14: 8♂, 12♀ (24 IV. 2004. F); 21: 3♀ (24. IV. 2004. F); 22: 1♀ (23. VII. 2003. F); 23: 1♀ (18. X. 2003. F); 26 P1: 10 (11. IV. 1997. F); 26 L2: 2 (02. V. 1997. F); 26 P1: 45 (02. V. 1997. F); 26 L2:12 (23. V. 1997. F); 26 P1: 378 (23. V. 1997. F); 26 L2: 1 (14. VI. 1997. F); 26 P1: 147 (14. VI. 1997. F); 26 L2: 3 (26. VII. 1997. F); 26 P1: 24 (26. VII. 1997. F); 30: 1♂ (09. X. 2003. F); 31: 6♀ (09. X. 2003. F); 32 S1: 1 (02. IV. 1998. F); 32 K1: 1 (02. IV. 1998. F); 32 S1: 4 (24. IV. 1998. F); 32 K1: 5 (24. IV. 1998. F); 32 S1: 11 (18. V. 1998. F); 32 K1: 18 (18. V. 1998. F); 32 S1: 11 (06. VI. 1998. F); 32 K1: 35 (06. VI. 1998. F); 32 S1: 8 (27. VI. 1998. F); 32 K1: 4 (27. VI. 1998. F); 32 S1: 5 (20. VII. 1998. F); 32 K1: 10 (20. VII. 1998. F); 32 S1: 10 (08. VIII. 1998. F); 32 K1: 34 (08. VIII. 1998. F); 32 S1: 3 (28. VIII. 1998. F); 32 K1: 9 (28. VIII. 1998. F); 32 S1: 3 (18. IX. 1998. F); 32 K1: 3 (18. IX. 1998. F); 32 S1: 5 (10. X. 1998. F); 32 K1: 11 (10. X. 1998. F); 32 S1: 1 (30. X. 1998. F); 32 K1: 3 (28. XI. 1998. F); 33: 2♂ (18. X. 2003. F); 36: 1♀ (23. VII. 2003. F); 39 B5: 11 (24. IV. 1998. F); 39 D5: 21 (24. IV. 1998. F); 39 B5: 328 (18. V. 1998. F); 39 D5: 66 (18. V. 1998. F); 39 S2: 1 (18. V. 1998. F); 39 T5: 1 (18. V. 1998. F); 39 B5: 441 (06. VI. 1998. F); 39 D5: 54 (06. VI. 1998. F); 39 T5: 2 (06. VI. 1998. F); 39 B5: 569 (27. VI. 1998. F); 39 D5: 44 (27. VI. 1998. F); 39 T5: 9 (27. VI. 1998. F); 39 B5: 401 (20. VII. 1998. F); 39 D5: 148 (20. VII. 1998. F); 39 S2: 1 (20. VII. 1998. F); 39 B5: 94 (08. VIII. 1998. F); 39 D5: 121 (08. VIII. 1998. F); 39 S2: 3 (08. VIII. 1998. F); 39 B5: 30 (28. VIII. 1998. F); 39 D5: 71 (28. VIII. 1998. F); 39 S2: 3 (28. VIII. 1998. F); 39 B5: 87 (18. IX. 1998. F); 39 D5: 66 (18. IX. 1998. F); 39 S2: 6 (18. IX. 1998. F); 39 T5: 2 (18. IX. 1998. F); 39 B5: 119 (10. X. 1998. F); 39 D5: 99 (10. X. 1998. F); 39 S2: 4 (10. X. 1998. F); 39 T5: 1 (10. X. 1998. F); 39 B5: 1 (30. X. 1998. F); 39 D5: 3 (30. X. 1998. F); 39 S2: 1 (30. X. 1998. F); 40: 64 (24. IV. 1998. F); 40: 135 (18. V. 1998. F); 40: 424 (06. VI. 1998. F); 40: 532 (27. VI. 1998. F); 40: 461 (20. VII. 1998. F); 40: 651 (08. VIII. 1998. F); 40: 242 (28. VIII. 1998. F); 40: 234 (18. IX. 1998. F); 40: 75 (10. X. 1998. F); 40: 17 (30. X. 1998. F); 41: 3 (11. IV. 1997. F); 41: 40 (26. VII. 1997. F); 42: 1♀ (19. X. 2003. F); 46: 2♂, 1♀ (19. X. 2003. F); 48: 3♂, 6♀ (15. V.

2001. F); 49: 2♂, 7♀ (15. V. 2001. F); 50: 1♀ (23. VII. 2003. F); 52: 1♀ (23. VII. 2003. F); 56 S4: 2 (14. VI. 1997. F); 56 J5: 6 (14. VI. 1997. F); 58: 11♂, 3♀ (24. IV. 2004. F); 55: 3♀ (23. VII. 2003. F); 63: 4♂, 8♀ (24. V. 2002. F); 69: 5♂, 7♀ (24. IV. 2004. F); 71: 2♂, 3♀ (07. V. 2004. F); 73: 1♀ (30. IV. 2004. F); 75: 1♂ (18. X. 2003. F); 76 K1: 1 (11. IV. 1997. F); 76 S1: 2 (11. IV. 1997. F); 76 K1: 12 (02. V. 1997. F); 76 S1: 35 (02. V. 1997. F); 76 K1: 28 (23. V. 1997. F); 76 S1: 59 (23. V. 1997. F); 76 K1: 82 (14. VI. 1997. F); 76 S1: 71 (14. VI. 1997. F); 76 K1: 84 (26. VII. 1997. F); 76 S1: 74 (26. VII. 1997. F); 76 K1: 42 (07. XI. 1997. F); 76 S1: 44 (07. XI. 1997. F); 77 S1: 3 (02. IV. 1998. F); 77 S1: 30 (24. IV. 1998. F); 77 J5: 16 (24. IV. 1998. F); 77 S1: 49 (18. V. 1998. F); 77 J5: 39 (18. V. 1998. F); 77 S1: 71 (06. VI. 1998. F); 77 J5: 82 (06. VI. 1998. F); 77 S1: 118 (27. VI. 1998. F); 77 J5: 40 (27. VI. 1998. F); 77 S1: 40 (20. VII. 1998. F); 77 J5: 46 (20. VII. 1998. F); 77 S1: 69 (08. VIII. 1998. F); 77 J5: 42 (08. VIII. 1998. F); 77 S1: 26 (28. VIII. 1998. F); 77 J5: 15 (28. VIII. 1998. F); 77 S1: 32 (18. IX. 1998. F); 77 J5: 16 (18. IX. 1998. F); 77 S1: 11 (10. X. 1998. F); 77 J5: 27 (10. X. 1998. F); 77 S1: 4 (30. X. 1998. F); 77 J5: 7 (30. X. 1998. F); 78: 1♂, 1♀ (10. X. 2003. F); 80: 4♂, 10♀ (23. V. 2002. F); 81: 3♂, 3♀ (23. V. 2002. F); 83: 1♂, 1♀ (19. X. 2003. F); 85: 2♂, 1♀ (11. V. 2004. F); 86: 1♀ (23. VII. 2003. F); 88: 1♂, 1♀ (10. X. 2003. F); 90: 1♀ (23. VII. 2003. F); 92: 5♂, 10♀ (11. IV. 1997. F); 94: 3♀ (10. X. 2003. F); 95: 1♂ (16. X. 2003. F); 96: 1♀ (23. VII. 2003. F); 97: 1 (18. V. 1998. F); 97: 2 (06. VI. 1998. F); 97: 4 (27. VI. 1998. F); 97: 2 (20. VII. 1998. F); 97: 2 (08. VIII. 1998. F); 97: 2 (18. IX. 1998. F); 98 S1: 2 (18. V. 1998. F); 98 K1: 15 (06. VI. 1998. F); 98 K1: 8 (27. VI. 1998. F); 98 K1: 5 (20. VII. 1998. F); 98 K1: 7 (08. VIII. 1998. F); 98 K1: 3 (28. VIII. 1998. F); 98 K1: 6 (18. IX. 1998. F); 98 K1: 2 (10. X. 1998. F); 99 J4: 1 (02. IV. 1998. F); 99 O3: 1 (24. IV. 1998. F); 99 J4: 11 (24. IV. 1998. F); 99 J4: 15 (18. V. 1998. F); 99 J4: 29 (06. VI. 1998. F); 99 J4: 43 (27. VI. 1998. F); 99 J4: 28 (20. VII. 1998. F); 99 S2: 1 (20. VII. 1998. F); 99 J4: 30 (08. VIII. 1998. F); 99 J4: 40 (28. VIII. 1998. F); 99 S2: 1 (28. VIII. 1998. F); 99 J4: 1 (28. XI. 1998. F); 101: 1♂ (19. X. 2003. F); 102: 19♂, 31♀ (01. V. 2002. V); 102: 7♂, 6♀ (10. X. 2002. V); 102: 1♀ (22. VII. 2002. V); 103: 2♂, 7♀ (10. X. 2002. V); 103: 1♂, 1♀ (24. VII. 2002. V); 103: 1♂ (30. IV. 2002. V); 104: 1♂, 1♀ (01. V. 2002. V); 104: 5♂, 5♀ (01. V. 2002. V); 104: 1♂, 2♀ (14. X. 2002. V); 104: 1♂, 3♀ (14. X. 2002. V); 104: 3♀ (29. VII. 2002. V); 105: 4♂, 4♀ (24. VII. 2002. V); 105: 10♀ (30. IV. 2002. V); 107: 1♂, 4♀ (10. X. 2002. V); 107: 10♂, 34♀ (23. VII. 2002. V); 106: 1♀ (10. X. 2002. V); 106: 1♂, 4♀ (10. X. 2002. V); 106: 13♂, 15♀ (22. VII. 2002. V); 106: 1♀ (28. II. 2000. FL); 106: 16♂, 10♀ (30. IV. 2000. FL); 106: 1♀ (30. IV. 2002. V); 106: 10♂, 17♀ (30. IV. 2002. V); 106: 37♂, 77♀ (30. IX. 1999. FL); 106: 1♂, 1♀ (30. XI. 1999. FL); 107: 4♂, 5♀ (30. IV. 2002. V); 110: 1♂, 2♀ (30. IV. 2004. F);

30. *Armadillidium zenckeri* (*Brandt*, 1833) (*Fig. 31*)

Published data: 59 (*Farkas*, 2004a)

New data: 3: 2♂, 2♀ (16. X. 2003. F); 23: 1♀ (18. X. 2003. F); 32 S1: 1 (30. X. 1998. F); 39 B5: 3 (02. IV. 1998. F); 39 D5: 7 (02. IV. 1998. F); 39 B5: 6 (24. IV. 1998. F); 39 D5: 4 (24. IV. 1998. F); 39 B5: 39(18. V. 1998. F); 39 D5: 12 (18. V. 1998. F); 39 B5: 96 (06. VI. 1998. F); 39 D5: 17 (06. VI. 1998. F); 39 B5: 142 (27. VI. 1998. F); 39 D5: 6 (27. VI. 1998. F); 39 T5: 1 (27. VI. 1998. F); 39 B5: 237 (20. VII. 1998. F); 39 D5: 42 (20. VII. 1998. F); 39 S2: 1 (20. VII. 1998. F); 39 B5: 122 (08. VIII. 1998. F); 39 D5: 8 (08. VIII. 1998. F); 39 B5: 59 (28. VIII. 1998. F); 39 D5: 9 (28. VIII. 1998. F); 39 5: 29 (18. IX. 1998. F); 39 B5: 94 (10. X. 1998. F); 39 D5: 56 (10. X. 1998. F); 39 T5: 1 (10. X. 1998. F); 39 B5: 92 (30. X. 1998. F); 39 D5: 36 (30. X. 1998. F); 39 B5: 7 (28. XI. 1998. F); 39 D5: 3 (28. XI. 1998. F); 39 T5: 1 (28. XI. 1998. F); 40: 1 (06. VI. 1998. F); 58: 3♂ (24. IV. 2004. F); 71: 2♂, 4♀ (07. V. 2004. F); 73: 1♂, 1♀ (30. IV. 2004. F); 80: 1♂ (23. V. 2002. F); 92: 1♂, 4♀ (11. IV. 1997. F); 93: 4♂, 3♀ (11. V. 2004. F);

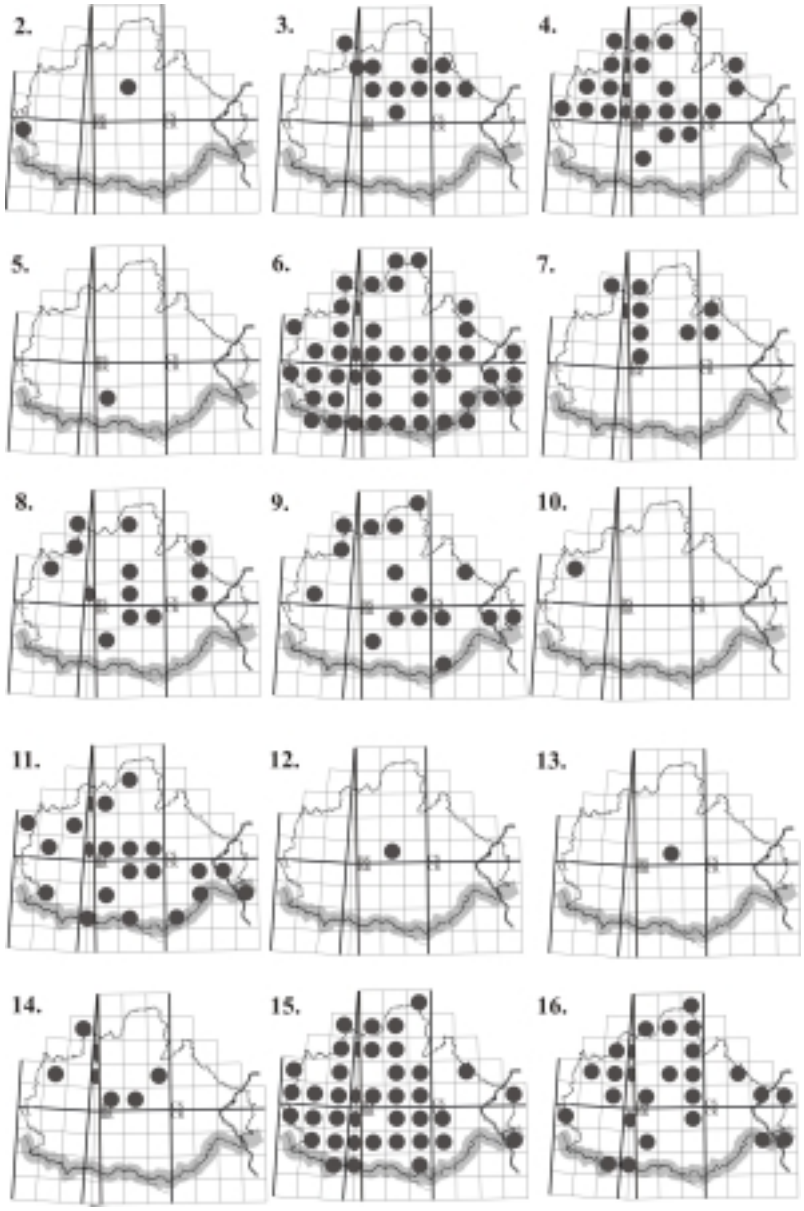


Fig. 2. *Ligidium hypnorum* (Cuvier, 1792); Fig. 3. *Ligidium germanicum* Verhoeff, 1901; Fig. 4. *Trichoniscus pusillus* Brandt, 1833; Fig. 5.*Androniscus roseus* (C. Koch, 1838); Fig. 6. *Hyloniscus riparius* (C. Koch, 1838); Fig. 7. *Hyloniscus vividus* (C. Koch, 1841); Fig. 8. *Haplophthalmus mengii* (Zaddach, 1844); Fig. 9. *Haplophthalmus danicus* (Budde-Lund, 1880); Fig. 10. *Calconiscellus karawankianus* (Verhoeff, 1908); Fig. 11. *Platyarthrus hoffmannseggii* Brandt, 1833; Fig. 12. *Platyarthrus schoblii* Budde-Lund, 1885; Fig. 13. *Trichorina tomentosa* (Budde-Lund, 1893); Fig. 14. *Lepidoniscus minutus* (C. Koch, 1838); Fig. 15. *Porcellium collicola* (Verhoeff, 1907); Fig. 16. *Trachelipus ratzeburgii* (Brandt, 1833)

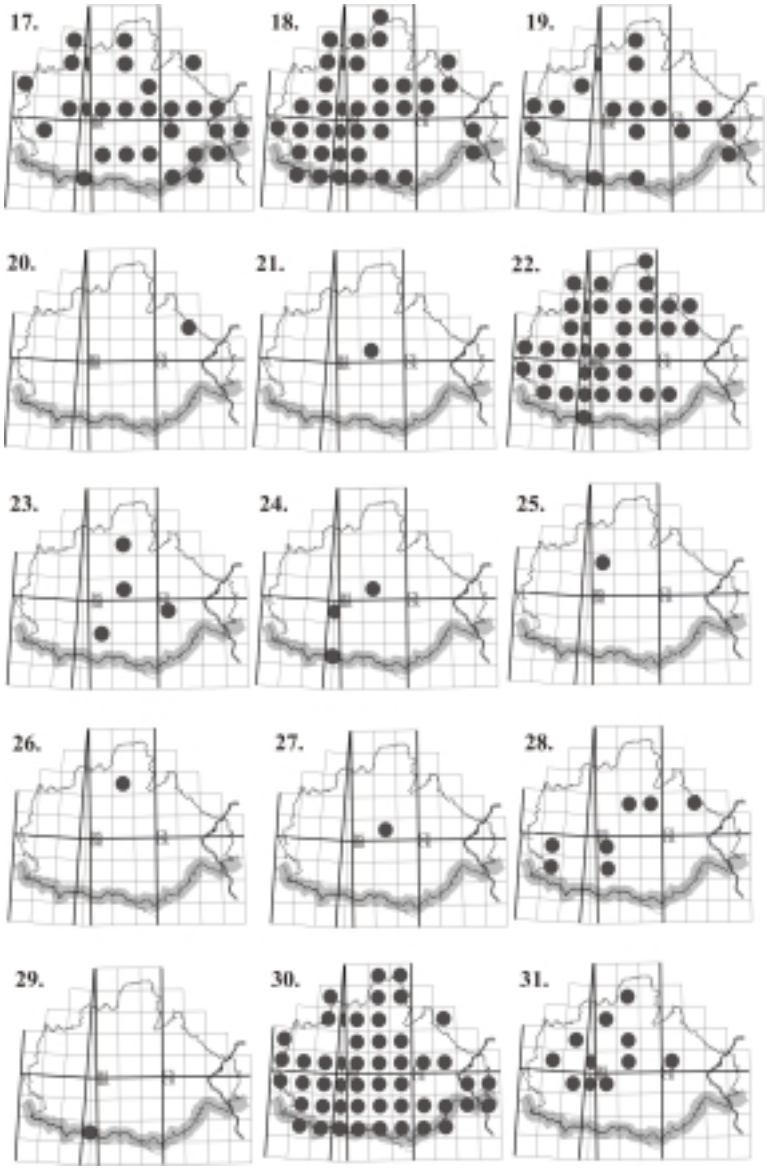


Fig. 17. *Trachelipus nodulosus* (C. Koch, 1838); Fig. 18. *Trachelipus rathkii* (Brandt, 1833); Fig. 19. *Cylisticus convexus* (De Geer, 1778); Fig. 20. *Protracheoniscus franzi* Strouhal, 1948; Fig. 21. *Protracheoniscus major* (Dollfus, 1903); Fig. 22. *Protracheoniscus politus* (C. Koch, 1841); Fig. 23. *Porcellionides pruinosus* (Brandt, 1833); Fig. 24. *Porcellio scaber* Latreille 1804; Fig. 25. *Porcellio laevis* (Latreille, 1804); Fig. 26. *Proporcellio vulcanius* (Verhoeff, 1908); Fig. 27. *Armadillidium nasatum* Budde-Lund, 1885; Fig. 28. *Armadillidium opacum* (C. Koch, 1841); Fig. 29. *Armadillidium versicolor* Stein, 1859; Fig. 30. *Armadillidium vulgare* (Latreille, 1804); Fig. 31. *Armadillidium zenckeri* Brandt, 1833;

DISCUSSION

There are currently 30 species known from Baranya which is 60% of the Hungarian fauna. *A. roseus, C. karawankianus, P. schoebli, P. franzi, P. major* and *A. versicolor* are new to the county.

H. riparius, P. collicola, T. rathkii and *A. vulgare* constitute an assemblage that is characteristic in the riverine willow-poplar woodlands in the basins of Danube and Drava. However, these four species often appear in villages and cities, too. In the common, closed, dry, termophilous oak woodlands live *P. politus* and *T. ratzeburgii*. The association of *A. zenckeri, P. collicola, H. riparius* and *T. rathkii* is characteristic in the non tussock marshes of *Carex* species. The largest number of isopod species live in the Mecsek (including the introduced species living exclusively in artificial habitats).

A. vulgare had the most distribution records from the county: it was pointed out from the 76% of the UTM units that cover Baranya. *H. riparius, P. collicola* and *T. rathkii* are also considered common; they were found in more than half of the investigated UTMs. The next species had only one or two distribution records in Baranya. The alpean *C. karawankianus* and *P. franzi* belong to the rarest species, not only in the county, but in Hungary, too. Earlier, *C. karawankianus* was known only from Pusztamagyaród (Zala county) and four points in Somogy county (*Farkas*, 2004b). *P. franzi* had been recently discovered as a member of the Hungarian fauna (*Farkas*, 2003). It was recorded from Eastern Austria and Szőkedencs, (Somogy County). *Kesselyák* (1935/36) considered *A. versicolor* as a common species in Hungary. However, it has only a few published records (*Allspach*, 1996; *Kesselyák*, 1935/36; *Szlávecz*, 1992). The species was found in one sampling site (Zaláta) in Baranya, in a willow-poplar woodland. *T. tomentosa, P. schoebli, P. major, P. laevis* and *A. nasatum* are introduced elements of the Hungarian fauna and live only in buildings and greenhouses of villages, cities and suburbs. *P. vulcanius* also belongs to the introduced isopods. Individuals of this species were sampled in Mecsekjánosi and Babarcszőlős (*Farkas*, 2004a; 2004c; *Vilisics and Farkas,* 2004). *P. vulcanius* is distributed in the Mediterranean region. The nearest distribution data were from southern Italy so its occurrence is noticeable. There is very little information about the ecological status of *A. roseus*. This species was found only in a rotting tree trunk in a black locust plantation at Babarcszőlős.

ACKNOWLEDGEMENT

I thank Edit Vadkerti, Lilla Lajos, Imre Fazekas and István Loksa for allowing me to identify their pitfall trapped isopoda material; Levente Morvai and Balázs Farkas for technical help and dr. Levente Ábrahám for numerous comments on the manuscript. Further thank to Mr. Liam Lanigan for reviewing the English translation. The research was sponsored by the Hungarian Academy of Sciences (Bolyai János Research Scholarship; BO/00304/01).

REFERENCES

Allspach, A. (1996). The terrestrial Isopods of the Bükk National Park (Crustacea, Isopoda, Oniscidea). In: Mahunka, S. (ed): The fauna of the Bükk National Park, II. Hungarian Natural History Museum, Budapest, 71-74.

Dudich, E. (1925). Faunisztikai jegyzetek (Faunistische Notizen) I. Áll. Közl., 22: 39-46.

Dudich, E. (1942). Nachträge und Berichtigungen zum Crustaceen-Teil des ungarischen Faunenkataloges II. Fragm. Faun. Hung., 5. 1-13.

Farkas, S. (1995). Data to the Isopoda (Crustacea: Oniscoidea) fauna of Drava lowland, Hungary. Studia Pannonica, 8. 25-30.

Farkas, S. (1998a). The faunistic results of the study of woodlice (Crustacea: Isopoda) along the river Drava (South Hungary). Studia Pannonica, 9. 123-130.

Farkas, S. (1998b). The Isopoda fauna of the Rinya-region I. Bakháza (Hungary). Somogyi Múz. Közl., 13. 257-262.

Farkas, S. (1998c). The terrestrial isopod fauna of the Rinya region II. Péterhida. Misc. Zool. Hung., 12. 45-53.

Farkas, S. (1998d). Population dynamics, spatial distribution and sex ratio of Trachelipus rathkei Brandt (Oniscoidea: Isopoda) in a wetland forest by the river Drava. Israel J. Zool., 44. 323-331.

Farkas, S. (1999). Isopodák szünbiológiai vizsgálata a Dráva-ártéren. Ph. D. thesis. JATE, Szeged.

Farkas, S. (2001). Egy tölgyes és egy fenyves állomány Isopoda együtteseinek szünbiológiai vizsgálata a Rinya-ártéren III. Nagyatád-Kivadár. in: Borhidi A., Botta-Dukát Z. (eds) Ökológia az ezredfordulón II. Esettanulmányok. MTA, Budapest, 147-164.

Farkas, S. (2003). First record of *Protracheoniscus franzi* Strouhal, 1948 (Isopoda, Oniscidea: Porcellionidae) from Hungary. Acta Phytopath. Ent., 3-4. 385-390.

Farkas, S. (2004a). Data to the knowledge of the terrestrial Isopod (Isopoda: Oniscidea) fauna of the Mecsek Mountains (Hungary: South Transdanubia). Fol. Comloensis, 13. 69-78.

Farkas, S. (2004b). Data to the knowledge of the terrestrial Isopod (Isopoda: Oniscidea) fauna of Somogy county (Hungary: South Transdanubia). Somogyi Múz. Közl., 16. 313-323.

Farkas, S. (2004c). First record of *Proporcellio vulcanius* (Verhoeff, 1908) (= P. quadriseriatus) (Isopoda, Oniscidea: Porcellionidae) from Hungary. Acta Phytopath. Ent., 4. 399-404.

Farkas, S., Hornung, E., Morschhauser, T. (1999). Composition of Isopod Assemblages in Different Habitat Types. in: Tajovsky, K., Pizl, V. (eds.): Soil Zoology in Central Europe. Ceske Budejovice, ISBN 80-902020-6-3. 37-44.

Farkas, S., Vadkerti E. (2002). First record of *Armadillidium nasatum* Budde-Lund, 1885 (Isopoda, Oniscidea: Armadillidae) from Hungary. Acta Phytopath. Ent., 4. 407-408.

Forró, L., Farkas, S. (1998). Checklist, preliminary distribution maps, and bibliography of woodlice in Hungary (Isopoda: Oniscidea). Misc. Zool. Hung., 12. 21-44.

Gebhardt, A. (1933). A Mecsek-hegység forrásainak élővilága [Fauna of the springs of the Mecsek Mts.] Mat. és term.tud. értesítő, 49. 148-165.

Gebhardt, A. (1934). Az Aba1igeti barlang élővilága. Mat. Term. Közl., 4. 264.

Gebhardt, A. (1960). A Mecsek hegység forrásainak faunisztikai és biológiai vizsgálata (Faunistic and biological investigations of the springs of the Mecsek Mts.). J. Pann. Múz. évk., Pécs, 7-38.

Kesselyák, A. (1935/36). A Tihanyi félsziget Isopoda-faunája (Die Isopodenfauna der Halbinsel von Tihany). Magy. Biol. Kut. Int. I. oszt. közl., 82-88.

Kesselyák, A. (1936). Bars vármegye szárazföldi ászkarákjai. Áll. Közl., 33. 142-148.

Kesselyák, A. (1937). Experimentalle und morphologische Beiträge zur Beurteilung einiger Hyloniscus-Arten. Zool. Anz., 118. 325-330.

Loksa, I. (1966). Die bodenzoozönologischen Verhältnisse der Flaumeichen-Buschwälder Südostmitteleuropas. Akadémiai Kiadó, Budapest, 437.

Molnár, Zs. (1997). Az általános Nemzeti Élőhely-osztályozási Rendszer. in: Fekete, G., Molnár, Zs., Horváth, F. (eds.): Nemzeti Biodiverzitás-monitorozó Rendszer, II. MTM, Budapest. ISBN 963 7093 45 1. 33-48.

Schmidt, C. (2003). Contribution to the phylogenic system of the Crinocheta (Crustacea, Isopoda). Part 2. (Oniscoidea to Armadillidiidae). Mitt. Mus. Nat.kd. Berl., Zool. Reihe, 1. 3-179.

Schmölzer, K. (1965). Ordnung Isopoda (Landasseln). Bestimmungsbücher zur Bodenfauna Europas, Lieferung 4 u. 5: I-VII. Akademie Verlag, Berlin, 1-468.

Szlávecz, K. (1992). The role of terrestrial isopods (Isopoda: Oniscidea) in the decomposition of aquatic macrophite detritus of lake Balaton, Hungary. Opusc. Zool., 25. 103-112.

Vadkerti, E., Farkas S. (2002). The terrestrial Isopod fauna of the Rinya region IV. Szilonics-puszta. Natura Somogyiensis, 3. 27-34.

Vilisics, F., Farkas, S. (2004). Összehasonlító faunisztikai vizsgálat a dél-dunántúli Babarcszőlősi-pikkely ászkafaunáján (Isopoda, Oniscidea). Áll. Közl., 1. 17-25.

Corresponding author (*levelezési cím*):

Farkas Sándor
Kaposvári Egyetem, Állattudományi Kar
7400 Kaposvár, Guba Sándor u. 40.
University of Kaposvár, Faculty of Animal Science
Kaposvár, H-7400 Guba Sándor u. 40.
Tel.: +36-82-314 155, fax: +36-82-321 251
e-mail: farkaskeatk@freemail.hu