

First records of mites (Acarina, Mesostigmata) from Slovakia

Peter FENĎA

Department of Zoology, Faculty of Natural Sciences, Comenius University, Mlynská dolina B-1, SK-84215 Bratislava, Slovakia; tel.: +421 2 60296249, fax: +421 2 65429064, e-mail: fenda@fns.uniba.sk

Parasitidae

Leptogamasus succineus Witaliński, 1973

Material examined: NE Slovakia, Bukovské vrchy Mts, Kolbasov – Bzana, 6900c (= grid reference number of the Databank of the fauna of Slovakia), 400 m a.s.l., 49°00' N, 22°22' E, 10.VI.1999, 1 deutonymph (= DN); NE Slovakia, Bukovské vrchy Mts, Ruský Potok – Veľký Bukovec, 6900d, 920 m a.s.l., 49°02' N, 22°25' E, 24. IX.1999, 1 ♀ (det. P. Mašán) 1 ♂; NE Slovakia, Bukovské vrchy Mts, Nová Sedlica – valley of the Zbojský potok brook, 6901a, 441 m a.s.l., 49°03' N, 22°30' E, 6.VI.1998, 3 ♂♂. The species was found in soil samples with grass from meadows and in soil from creek's shore. First records from Slovakia.

Parasitus mammillatus Berlese, 1905

Material examined: NW Slovakia, Kysucké Beskydy Mts, Oščadnica, 6579c, 700 m a.s.l., 49°26' N, 18°52' E, 4.VI.1987, 1 ♂ from nest of *Parus major* L., 1758; N Slovakia, Skorušinské vrchy Mts, Zábiedovo – Vojtašková, 6683d, 800 m a.s.l., 49°19' N, 19°35' E, 22.VII.1989, 3 ♂♂, 2 ♂♂, 60 DNs from nest of *Lanius collurio* L., 1758; N Slovakia, Oravská vrchovina Mts, Zimník – Kačinec, 6683b, 700 m a.s.l., 49°22' N, 19°36' E, 20.VII.1989, 25 DNs from nest of *Carduelis chloris* (L., 1758); N Slovakia, Oravská vrchovina Mts, Nižná – below Lučivný Mt., 6683c, 700 m a.s.l., 49°19' N, 19°30' E, 21.VII.1989, 14 ♀♀, 6 ♂♂, 44 DNs, 8 protonymphs (=PN) from nest of *Turdus merula* L., 1758; N Slovakia, Západné Tatry Mts, Studený potok – Kopa, 6784a, 970 m a.s.l., 49°15' N, 19°40' E, 10.VII.1989, 7 ♂♂, 4 ♂♂, 21 DNs, and 1 ♂, 1 ♂, 19 DNs from nests of *Turdus philomelos* Brehm, 1831; 16.VII.1989, 12 DNs from nest of *Turdus merula*; SE Slovakia, Košická kotlina basin, Haniská, 7393d, 200 m a.s.l., 48°37' N, 21°16' E, 15.VIII.1989, 13 ♂♂, 95 DNs, 2 PNs, and 7 ♂♂, 2 ♂♂, 57 DNs, 3 PNs from nests of *Turdus pilaris* L., 1758 and *Turdus* sp.; S Slovakia, Rimavská kotlina basin, Rimavské Janovce – Seleš, 7686c,

210 m a.s.l., 48°20' N, 20°04' E, 20.VII.1989, 1 ♂ from nest of *Phylloscopus trochilus* (L., 1758); SW Slovakia, Podunajská rovina plain, Svätý Jur – Šúr, 7769c, 131 m a.s.l., 48°14' N, 17°13' E, 5.V.1982, 2 ♂♂, 2 ♂♂, 1 DN from nest of *Anser anser* (L., 1758); 14.VI.1984, 1 DN from nest of *Anas platyrhynchos* L., 1758, all specimens published as *Parasitus consanguineus* Oudemans et Voigts, 1904 in FENĎA et al. (1998). The species was found in free nests on vegetation situated in spruce forests, rarely in oak and pine forests or in two nests from fishpond's shore, and in one nest from nest-box. First records from Slovakia.

Vulgarogamasus maschkeae (Willmann, 1936)

Material examined: N Slovakia, Belianske Tatry Mts, Tatranská Kotlina – Alabastrová jaskyňa cave, 6787d, 1390 m a.s.l., 49°14' N, 20°16' E, 11.VIII.1999, 1 ♂. The species was found in decoy inside the cave. First record from Slovakia.

Zerconidae

Prozercon sellnicki Halašková, 1963

Material examined: NE Slovakia, Bukovské vrchy Mts, Ruské – Záruba, 6800c, 740 m a.s.l., 49°08' N, 22°21' E, 9.VI.1999, 7 ♂♂. The species was found in soil and litter from beech forest. First records from Slovakia.

Ascidae

Cheiroseius mutilus (Berlese, 1916)

Material examined: SW Slovakia, Podunajská rovina plain, Gabčíkovo – Malé Vranie, 8171a, 115 m a.s.l., 47°51' N, 17°33' E, 18.VI.1995, 1 ♂ from nest of *Acrocephalus arundinaceus* (L., 1758), published as *Cheiroseius (Posttrematus) necorniger* (Oudemans, 1903) in FENĎA et al. (1998); SW Slovakia, Podunajská rovina plain, Čičov-Lyon, 8272a, 110 m a.s.l., 47°47' N, 17°44' E, 23.VI.1997, 2 ♂♂ from nest of *Izobrychus minutus* (L., 1766); NE Slovakia, Bukovské vrchy Mts,

continued on page 242

continued from page 234

Grófske chyžky fishpond, 6900b, 620 m a.s.l., 49°04' N, 22°27' E, 21.IX.1999, 2 ♀♀, 1 DN; NE Slovakia, Bukovské vrchy Mts, Ulič – bank of Ulička, 7000b, 240 m a.s.l., 48°57' N, 22°27' E, 7.VI.1999, 1 ♀. The species was found in birds' nests near water surface, in wet soil from pond's shore, and in gravel soil from river's shore. First records from Slovakia.

Cheiroseius salicorniae (Willmann, 1949)

Material examined: NE Slovakia, Bukovské vrchy Mts, Ulič – bank of Ulička, 7000b, 240 m a.s.l., 48°57' N, 22°27' E, 7.VI.1999, 2 ♀♀. The species was found in sand accretion and in gravel soil from river's shore. First records from Slovakia.

Pachylaelapidae

Pachylaelaps siculus Berlese, 1921

Material examined: NE Slovakia, Bukovské vrchy Mts, Ruský Potok – Kamenistý, 6900d, 500 m a.s.l., 49°01' N, 22°25' E, 24.IX.1999, 2 ♂♂. The species was found in soil sample with grass from pasture. First record from Slovakia.

Rhodacaridae

Panteniphis mirandus Willmann, 1949

Material examined: NE Slovakia, Bukovské vrchy Mts, Grófske chyžky fishpond, 6900b, 620 m a.s.l., 49°04' N, 22°27' E, 21.IX.1999, 1 ♂. The species was found in wet soil from pond's shore. First record from Slovakia.

Macronyssidae

Steatonyssus periblepharus Kolenati, 1858

Material examined: SW Slovakia, Podunajská rovina plain, Dobrohošť – Dunajské Kriviny, 8070a, 123 m a.s.l., 47°59' N, 17°21' E, 25.XI.1994, 2 ♀♀. The species was found in nests of *Parus major* L., 1758 from nest-boxes situated in floodplain forest. First records from Slovakia.

Phytoseiidae

Amblyseius tubae Karg, 1970

Material examined: NE Slovakia, Bukovské vrchy Mts, Kýčera, 7000a, 340 m a.s.l., 48°59' N, 22°24' E,

7.VI.1999, 1 ♂. The species was found in soil sample with grass from meadow. First record from Slovakia.

Proprioseiopsis jugortus (Athias-Henriot, 1966)

Material examined: NE Slovakia, Bukovské vrchy Mts, Ruský Potok – Kamenistý, 6900d, 500 m a.s.l., 49°01' N, 22°25' E, 24.IX.1999, 7 ♂♂, 1 ♀. The species was found in soil sample with grass from pasture. First record from Slovakia.

If not stated otherwise, the specimens were identified by the author according to BREGETOVA et al. (1977), KARG (1993) and MICHARDZIŃSKI (1980). The material is deposited in the Department of Zoology, Faculty of Sciences Comenius University, Bratislava in the author's collection.

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