Mites – ectoparasites on insects of the family Otopheidomenidae live as haemolymph sucking on Lepidoptera (Otopheidomeninae), Hemiptera Heteroptera (Treatiinae), Orthoptera (Katydiseiinae) and Isoptera (the genus Eickwortius Zhang, 1995) (Prasad, 2011). Recently the specialist in Heteroptera Dr N. Simov found on the red firebug Pyrrhocoris apterus L. (Pyrrhocoridae), a very common species in Bulgaria, several mites belonging to Otopheidomenidae. The mites were found under the hemielytrae of the bugs and were identified as the species Hemipteroseius adleri Costa, described from Israel on the same bug species and on another one (Scantius aegyptius L.) by Costa (1968). Later the species of Costa has been found in Europe (Poland, Lewandowski & Szafranek, 2005), than also from Lithuania (Chmielewski, 2006a, 2006b), Hungary (Kontschán & Gyuris, 2010) and Slovakia (Fend’a, 2011) – mostly in northern and central Europe. Other species of genus Hemipteroseius Evans, 1963 have been found on Pyrrhocororidae and Lygaeidae in Nigeria, India, Congo, Mexico, Jamaica, Cuba, Haiti, Puerto Rico, other Carribean islands, and Panama – all of them in tropical countries (Zhang, 1995).


The family is new for the fauna of Bulgaria and the Balkan Peninsula.

Otopheidomenidae (Acari: Mesostigmata) – a new mite family for the fauna of Bulgaria and the Balkan Peninsula

Petar Beron


Key words: Acari, Otopheidomenidae, Hemiptera, Pyrrhocoris apterus, Bulgaria

References


Отофидеомениди (Acari: Mesostigmata) – ново семейство акари за фауната на България и Балканския полуостров

Петър Берон

(Резюме)

Съобщава се за пръв път в България Hemipteroseius adleri по Pyrrhocoris apterus (Heteroptera: Pyrrhocoridae) – представител на новото за Балканския полуостров семейство акари Otopheidomenidae (Acari: Mesostigmata).