

SYMPATRIA A PARAPATRIA DRUHOV *EUCTENOPHTHALMUS* WAGNER, 1940 (SIPHONAPTERA: CTENOPHTHALMIDAE) V ZÁPADNÝCH KARPATOCH.

4. ROZŠÍRENIE *CTENOPHTHALMUS* (*EUCTENOPHTHALMUS*) *UNCINATUS* (WAGNER, 1898) V SLOVENSKEJ REPUBLIKE

Alexander DUDICH

Katedra biológie a všeobecnej ekológie, Fakulta ekológie a environmentalistiky,
Technická univerzita vo Zvolene, Kolpašská 9/B, SK-969 01 Banská Štiavnica

ABSTRACT

Dudich A. Sympatry and parapatry in the species of *Euctenophthalmus* Wagner, 1940 (Siphonaptera: Ctenophthalmidae) in the West Carpathians 4. Distribution of *Ctenophthalmus* (*Euctenophthalmus*) *uncinatus* (Wagner, 1898) in Slovakia

Five species of fleas of the subgenus *Euctenophthalmus* Wagner, 1940 are spreading in the West Carpathians (Slovakia, Moravia, Poland and Hungary). They are oligo- or pleioxenous ectoparasites of nine forest and grassland inhabiting rodent species of the genera *Clethrionomys*, *Microtus*, *Chionomys*, *Arvicola*, *Cricetus* and *Citellus*. *Ctenophthalmus uncinatus* (Wagner, 1898) has apparently discontinuous range covering the central mountainous part of the West, and colline to mountain belt of the East Carpathians. All examined populations from Slovak Carpathians have been considered to be members of nominotypic subspecies. The western limit of the distribution range runs through the Malá (Krivánska) Fatra, Veľká Fatra and Štiavnické vrchy mountains in Central Slovakia (18° 50' e. l.). The species does not occur neither in lowlands of Pannonian basin, nor in adjacent hilly parts of South Slovakia. In total, 1422 specimen (606 males and 816 females, respectively) of *C. uncinatus* were collected in 200 catches and 37 orographical units of Slovakia in 1973–2000. The complete list of localities, catches and maps of distribution is given.

Key words: fleas, Siphonaptera, *Ctenophthalmus uncinatus*, Ctenophthalmidae, distribution, Slovakia, West Carpathians