

NEW FINDINGS OF FILARIATA IN PASSERIFORM BIRDS IN CZECHOSLOVAKIA

Relatively little evidence is available regarding the occurrence of nematodes of the suborder Filariata in birds of Czechoslovakia. Occasional findings of species of this systematical group refer mostly to members of the family Diplo-triidae. Studies of nematodes collected in recent years from hosts of the order Passeriformes (family Turdidae) revealed, for the first time in Czechoslovakia, two of these species (one of the family Aprocidae, one of the family Oswaldofilariidae).

1. *Aprocia cylindrica* Linstow, 1883

This species was recovered from the eye socket of *Erithacus rubecula* caught in Brno in 1969. We found 5 nematodes, 2 males and 3 females. According to Sonin (Osnovy Nemat. XVII/1, Publ. House Nauka, Moscow 1966) this species is known to occur in Europe and Asia. Its definitive hosts are birds of the order Passeriformes (family Turdidae, Muscicapidae, Motacillidae and Oriolidae).

2. *Cardiofilaria puvlovskyi* Strom, 1937

Six nematodes of this species (3 males and 3 females) were recovered from one specimen of

Turdus philomelos, caught in 1966 in the Šumava region. This is the first finding in Czechoslovakia. In Europe, this species was found once by Chabaud and Golvan (Ann. parasitol. hum. et comp. 31: 403—413, 1956) in birds of the family Turdidae in France. Numerous are the findings of this species in the Asian part of the USSR. In a survey by Sonin (Osnovy Nemat. XXI/2, Publ. House Nauka, Moscow 1968) this species occurs in hosts of the family Oriolidae, Apodidae, Turdidae, Muscicapidae, Motacillidae and Laniidae; it is less frequent in birds of the order Falconiformes (Falconidae) and Charadriiformes (Charadriidae). Anderson (Canad. J. Zool. 34: 213—218, 1956) reported a finding in birds of the family Turdidae in Canada. Our material is in complete morphological and metrical agreement with the descriptions of this species from hosts of the family Turdidae.

M. D. SONIN, V. BARUŠ, Helminthological laboratory, Academy of Sciences of the USSR, Moscow and Institute of Parasitology, Czechoslovak Academy of Sciences, Prague