

SUPPLEMENTS TO THE FAUNA OF ACANTHOCEPHALA IN BIRDS AND MAMMALS IN AFGHANISTAN

The acanthocephalan fauna so far reported from Afghanistan (Baruš V., Kullmann E., Tenora F., Acta Zool. Bohemoslov. 34: 263 to 276, 1970, Baruš V., Tenora F., Acta Univ. Agric. Brno 16: 327—336, 1968, Acta Univ. Agric. Brno 24: 143—146, 1976) included only the following species parasitic in amphibians, reptilians and mammals: *Pseudacanthocephalus bufonicola*, *Macracanthorhynchus catulinus* (as *acanthellae*) and *Pachysentis* sp. During the studies of the material obtained by the courtesy of Prof. Dr. E. Kullmann another species were recovered:

1. *Centrorhynchus aluconis* (Müller, 1780)

This is a Eurasian species parasitizing mainly Strigiformes and Falconiformes. We have found three adult females in *Circaetus gallicus* in the locality Dascht-e-Nanni (province Ghazni), 2,000 m a.s.l.

2. *Centrorhynchus globocaudatus* (Zeder, 1800)

This species has so far been reported from Strigiformes and Falconiformes from Eurasia and Africa. We have recovered two males and three females (all adults) from *Falco tinnunculus* in the localities Kamu (Nuristan), about 1,000 m a.s.l., and Dascht-e-Nanni.

3. *Mediorhynchus armenicus* (Petrochenko, 1958)

This species has been recorded in *Falco tinnunculus* in the Armenian S.S.R. We have found it in *Myophonus caeruleus* (Turdidae) in the locality Landai-Sin-Tal (province Kunar), 1,900 m a.s.l. It seems to be conspecific with *M. papillosus* Van Cleave, 1916, which is known from Passeriformes and Falconiformes and is distributed in the Holarctic region.

4. *Prosthorhynchus transversus* (Rudolphi, 1819)

This species has been recorded in various bird species of the order Passeriformes from Europe and Asia. We have found an adult male in *Parus rufonuchalis* (syn. *P. rubidiventris*) in the locality Kusch Tos (Nuristan), 2,000 m a. s. l. This is a new host record.

5. *Filicollis anatis* (Schränk, 1788)

This Eurasian species has been recorded in birds of the orders Anseriformes and Ralliformes. We have recovered two females from *Charadrius leschenaultii* in the locality Ab-e-Astada (province Paktia), 2,000 m a.s.l. This is a new host record.

6. *Moniliformis moniliformis* (Bremser, 1811)

This species has been recorded mainly in Rodentia, less frequently also in Carnivora. It is distributed particularly in Eurasia. We have found 20 specimens (including 8 males) in *Citellus fulvus* in the locality Dascht-e-Nawar (Central Afghanistan), 3,000 m a.s.l.

7. *Macracanthorhynchus catulinus* (Kostylev, 1927)

Adult specimens of this species parasitize beasts of prey in the Asian part of the U.S.S.R. We have recovered 46 specimens (including 16 males) from *Vulpes vulpes* in the localities Dascht-e-Navar and Dascht-e-Kushti, 3,000 m a.s.l.

8. *Nephradorhynchus major* (Bremser, 1811)

This species parasitizes hosts of the genus *Erinaceus* (Insectivora) in Eurasia and North Africa. We have collected a large number of specimens (160, including 22 males) from *Hemiechinus megalotis* in the vicinity of Kabul.

Except *M. catulinus*, all species are recorded for the first time in Afghanistan.

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