

S. N. Boev: Protostrongylidae. Osnovy nematodologii 25. Publishing House Nauka, Moscow 1975, 266 pp., 94 Figs. Price 2.68 Rb

The latest volume of the series Osnovy nematodologii (Principles of nematology) is devoted to the family Protostrongylidae Leiper, 1926, which is important both from the biological and economical views. The first part of the monograph deals with the position of the family Protostrongylidae in the system of nematodes. Adopting the classification by Lane, 1917, the author includes the family Protostrongylidae in the superfamily Metastrongyloidea Lane, 1917. Comprehensive and detailed morphological and anatomical characteristics of members of the family Protostrongylidae, including their known larval stages, are given in the introductory part of the book. Then follows a description of all representatives of the family with detailed morphological characteristics, data on the biology, pathology, diagnostics, control and epizootology. A brief note commenting taxonomic problems is attached to the description of some species.

The family Protostrongylidae Leiper, 1926 is divided into five subfamilies:

a) Protostrongylinae Kamensky, 1905 with the genera *Protostrongylus* Kamensky, 1905 and *Spiculocaulus* Schulz, Orlov et Kutass, 1933. The genus *Protostrongylus* comprises subgenera *Protostrongylus* Kamensky, 1905, *Pulmostrongylus* Boev, 1975 (subgen. nov.) and *Davtianostongylus* Boev, 1950.

b) Muelleriinae Skrjabin, 1933 with the genera *Muellerius* Cameron, 1927 and *Cystocaulus* Schulz, Orlov et Kutass, 1933.

c) Vastrestrongylinae Boev, 1968 with the genera *Vastrestrongylus* Bhalerao, 1932, *Pneumocaulus* Schulz et Andreeva, 1948 and *Pneumostrongylus* Mönnig, 1932.

d) Neostrongylinae Boev et Schulz, 1950 with the genera *Neostrongylus* Gebauer, 1932 and *Orthostrongylus* Daugherty et Goble, 1946.

e) Skrjabinocaulinae Boev et Sulimov, 1963 with the genus *Skrjabinocaulus* Boev et Sulimov, 1963.

The book is completed by a comprehensive list of references, list of hosts and their parasites of the family Protostrongylidae and list of genera and species of the family Protostrongylidae.

Prof. S. N. Boev compiled in this volume the results of his many years' experience. It is therefore of a high scientific level, written in a comprehensible manner and its division and descriptions of species enable the reader a quick orientation. For its intelligibility and matter-of-factness this work is of value to the specialists in helminthology and represents an essential tool for the students, veterinarians, zootechnicians and other readers, for example those concerned with hunting. The book is also a significant contribution to zoogeographical studies, because of the data on geographical distribution of the representatives of the family Protostrongylidae.

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