

B. Rosický, V. Černý, M. Daniel, F. Dusbábek, P. Palička, K. Samšíňák: Roztoči a klíšata škodící zdraví člověka. (Mites and ticks harmful to human health.) Publ. House Academia, Praha 1979, 208 pp., 61 Figs., 12 Plates. Price 24 Kčs.

The medical and economic importance of mites and ticks becomes an ever increasing problem in the well developed countries with the intensified medical care. So far the Czechoslovak literature has lacked a comprehensive and lucid treatise summarizing the results of the acarological and ecological research of medical problems. The gap has been successfully filled by the reviewed publication compiled by the team of authors, altogether staff-members of the Institute of Parasitology, Czechoslovak Academy of Sciences in Prague.

The introduction summarizes the general problems of mites and ticks and their importance in the transmission of infectious diseases. The subsequent section of the book is divided into four basic chapters according to the mode of parasitization and the locality of occurrence.

The first chapter contains information about permanent parasites of man from the families Demodicidae and Sarcoptidae. Scabies is presented in great detail also from the aspect of the field practice, taking into account less current forms. The second chapter deals with mites infesting and annoying man in nature, namely the families Ixodidae and Trombiculidae. The third

chapter covers parasites of domestic, hemisynanthropic and eusynanthropic animals attacking man. The fourth chapter discusses mites living in human dwellings and detrimental primarily to foodstuffs.

All chapters are uniformly compiled and apart from the description, bionomy, distribution and medical importance of different families also the clinical picture of infestation, therapy and prevention are covered. Moreover, in medically important species a detailed key, instructive schematic figures of morphological differences and documentary photographs of biotopes and typical clinical pictures are presented. Particularly interesting details are supplemented by electron photomicrographs. The literature cited comprises all important and essential references to papers of recent years dealing with the said problems.

The publication will be of vital interest both to medical workers involved in clinical fields as well as preventive medicine and to wide public circles, due to its intelligibility, lucidity, usefulness and professional high standard.

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