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## Review of Helminths of Fish-Eating Birds of the Palaeartic Region. I. Nematoda

Glenn L. Hoffman

*US Fish and Wildlife Service*

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## BOOK REVIEW . . .

*J. Parasitol.*, 64(4), 1978, p. 768  
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*Helminths of Fish-Eating Birds of the Palaearctic Region. I. Nematoda*, by V. Baruš, T. P. Sergeeva, M. D. Sonin and K. M. Ryzhikov (Editors—B. Ryšavý and K. M. Ryzhikov). English translation by Marie Dašková. Dr. W. Junk, b.v. Publishers, P.O. Box 3713, The Hague, The Netherlands (Academia, Publishing House of the Czechoslovak Academy of Sciences, Prague. 1978). 318 p., 127 figs. Dutch Guilders 95.00.

The title is accurate but the subject is a little misleading. One would expect that the fish-eating birds will acquire nematodes from the fish they eat. On the contrary, with one exception, *Eustrongylides tubifex*, as far as is known none of these nematodes use fish as normal intermediate hosts. A few species use fish as paratenic hosts. The book consists of an Introduction (2 pages), General Account of Nematodes (4 pages), the Systematic Part (233

pages), List of Fish-Eating Birds and Their Nematodes (22 pages), References (29 pages) and Index (13 pages). There are keys to families, genera, and species in appropriate places. Each species description contains excellent line drawings and sections on Hosts, Localization, Distribution, Description, Biology (life cycle), Notes, and References. Omitted because of very recent publication is the interesting life cycle of *Eustrongylides tubifex* (Fastzkie and Sprinkle 1977, *J Parasitol* **63**: 707–712). This species uses fish as an intermediate host and it would not be surprising if other *Eustrongylides* spp. are found to develop in fish. This book will be very useful to anyone interested in the nematodes of fish-eating birds. Similar volumes on Cestoidea and Acanthocephala, and Trematoda are scheduled to follow.

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Glenn L. Hoffman