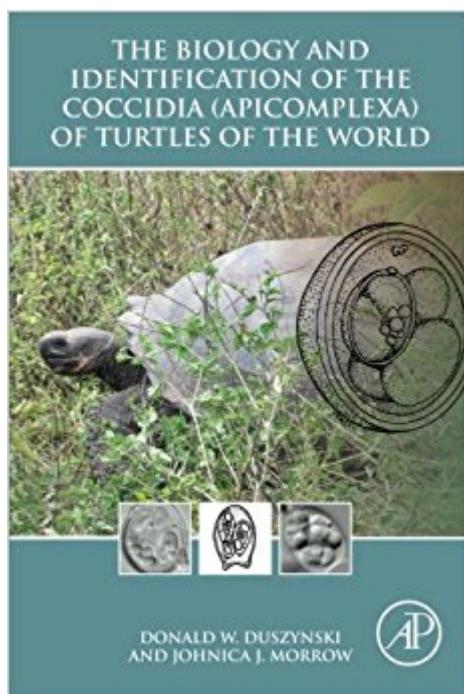


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The Biology And Identification Of The Coccidia (Apicomplexa) Of Turtles Of The World



Synopsis

The Biology and Identification of the Coccidia (Apicomplexa) of Turtles of the World is an invaluable resource for researchers in protozoology, coccidia, and parasitology, veterinary sciences, animal sciences, zoology, and biology. This first-of-its-kind work offers a taxonomic guide to apicomplexan parasites of turtles that enables easy parasite identification, with a summary of virtually everything known about the biology of each known parasite species. It is an important documentation of this specific area, useful to a broad base of readers, including researchers in biology, parasitology, animal husbandry, diseases of wild and domestic animals, veterinary medicine, and faculty members in universities with graduate programs in these areas. There are about 330 turtle species on Earth; many are endangered, a growing number of species are kept as pets, and some are still used as food by humans. Turtles, like other vertebrate animals have many different kinds of parasites (viruses, bacteria, protozoa, worms, arthropods, and others). Coccidiosis in turtles has prevented large-scale turtle breeding, and represents a serious problem in need of control. This succinct and highly focused book will aid in that effort. Offers line drawings and photomicrographs of each parasite from each host species. Provides methods of identification and treatment. Presents a complete historical rendition of all known publications on coccidia (and their closest relatives) from all turtle species on Earth, and evaluates the scientific and scholarly merit of each. Provides a complete species analysis of the known biology of every coccidian described from turtles. Reviews the most current taxonomy of turtles and their phylogenetic relationships needed to help assess host-specificity and evaluate what little cross-transmission work is available.

Book Information

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Customer Reviews

"...a much-needed resource in the field of parasitology and turtle pathology...a welcome addition to the available literature and provides easy access to descriptions of the various coccidia that infect turtles." --JAVMA

There are about 330 extant turtle species on Earth; many are endangered, a growing number of species are kept as pets, and some are still used as food by humans. Turtles, like other vertebrate animals have many different kinds of parasites (e.g., viruses, bacteria, protozoa, worms, arthropods, etc.), but there is no definitive text that covers any one of these groups found in all turtles. Apart from viral diseases that can be controlled by vaccination, coccidiosis in turtles has prevented large scale turtle breeding. Coccidiosis is a serious global problem and there is a need for their identification and control. The Biology and Identification of the Coccidia (Apicomplexa) of Turtles of the World is an invaluable resource for researchers in protozoology, coccidia, and parasitology, veterinary sciences, animal sciences. zoology and biology. Not only restricted to turtles it is of great interest for parasitologists and agricultural faculties. Written by world-class coccidiologists, this book is an important classic documentary and small reference book currently unavailable.

It is very frustrating to have such an incomplete text on a field impacting species in crisis. There is little associated clinical data- it is largely a catalog of morphological descriptions, mostly ignoring molecular data. Intranuclear coccidiosis is not covered in an organized fashion, citing individual reports as if they are distinct organisms and lacking cohesiveness and clinical relevance. Other relevant organisms, such as *Cryptosporidium ducismarci*, are not even mentioned.

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