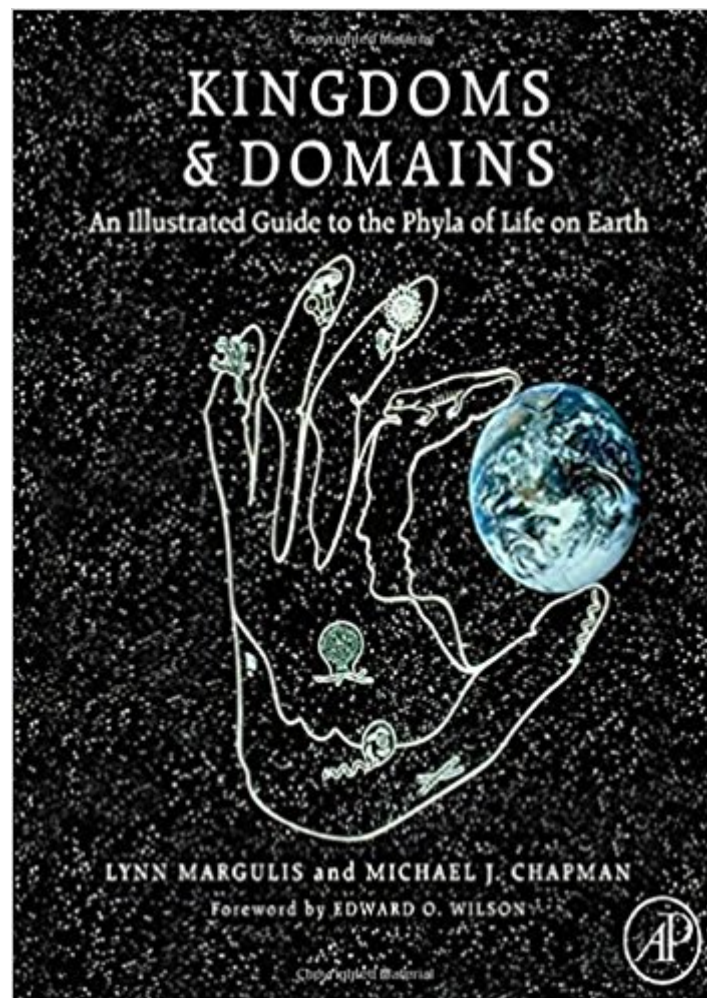


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Kingdoms And Domains: An Illustrated Guide To The Phyla Of Life On Earth, 4th Edition



Synopsis

Now published by Academic Press and revised from the author's previous Five Kingdoms 3rd edition, this extraordinary, all inclusive catalogue of the world's living organisms describes the diversity of the major groups, or phyla, of nature's most inclusive taxa. Developed after consultation with specialists, this modern classification scheme is consistent both with the fossil record and with recent molecular, morphological and metabolic data. Generously illustrated, now in full color, Kingdoms and Domains is remarkably easy to read. It accesses the full range of life forms that still inhabit our planet and logically and explicitly classifies them according to their evolutionary relationships. Definitive characteristics of each phylum are professionally described in ways that, unlike most scientific literature, profoundly respect the needs of educators, students and nature lovers. This work is meant to be of interest to all evolutionists as well as to conservationists, ecologists, genomicists, geographers, microbiologists, museum curators, oceanographers, paleontologists and especially nature lovers whether artists, gardeners or environmental activists. Kingdoms and Domains is a unique and indispensable reference for anyone intrigued by a planetary phenomenon: the spectacular diversity of life, both microscopic and macroscopic, as we know it only on Earth today.

- New Foreword by Edward O. Wilson
- The latest concepts of molecular systematics, symbiogenesis, and the evolutionary importance of microbes
- Newly expanded chapter openings that define each kingdom and place its members in context in geological time and ecological space
- Definitions of terms in the glossary and throughout the book
- Ecostrips, illustrations that place organisms in their most likely environments such as deep sea vents, tropical forests, deserts or hot sulfur springs
- A new table that compares features of the most inclusive taxa
- Application of a logical, authoritative, inclusive and coherent overall classification scheme based on evolutionary principles

Book Information

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Customer Reviews

The book itself was in good shape but for this edition the printing job was done abroad and is faulty. Words and sentences are missing. The science in the book is excellent, of course. Very informative.

Thank you!

WARNING: As another reviewer has stated, "for this edition the printing job was done abroad and is faulty." I contacted Academic Press who in turn contacted their editors (Elsevier).....Hi, I have a serious question about this book. I spent good money getting my hands on it. In the Preface, page Ixix, it says "As in earlier editions, a handy reference Appendix expanded in a list of c. 4000 genera includes all those mentioned in this book and many others." My question is: Where is list of genera? It is not the Organism Glossary which begins on page 573. If it was, then you'd be able to find all the genera listed at the top of page, say 360 Chordeiles, Chrysemys, etc.....Here is what Academic Press said...Hello XXX, Thank you for your reply. From what I have read from the editor and your comments, it sounds like an error was made somewhere in the printing. Since you purchased the book from XXX, and not Elsevier directly, you will need to contact the vendor you purchased the book from and see if they will provide you with a replacement copy or refund your money. I hope this information helps. Thank you, Elsevier Customer Support.....So, as you can see y'all, I just got played for \$60. Academic Press, if you want to call it that, makes no mention of fixing the error or even bringing it to light. They left out the entire list of c. 4000 genera that is present in the \$4 earlier editions. Wow. This list is integral to the book. Also, this work has major flaws elsewhere and is hastily copied and pasted together with no regard. For example, look at pg. 573 'Organism Glossary' The forward to this glossary is all wrong -it speaks only of Protoctista being in the glossary, even though every other phylum is included! It's an Organism Glossary! Stay away from Academic Press and Elsevier folks, this is a high priced blunder. Why wasn't this caught? This is horrible. I want to study the missing information, as things have changed from the early 1980's edition. I sent a letter to Dr. Chapman in Woods Hole MA, the only surviving author. Will update if anything new.

The previous edition of this book is 1998's *Five Kingdoms: An Illustrated Guide to the Phyla of Life on Earth*. My rating is based on that edition. I don't have a link to the 1998 edition, so I'm writing this review to provide a link, where you'll find some helpful reviews. You can buy that 1998 edition for much, much less than this one, and the content is mostly identical.

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