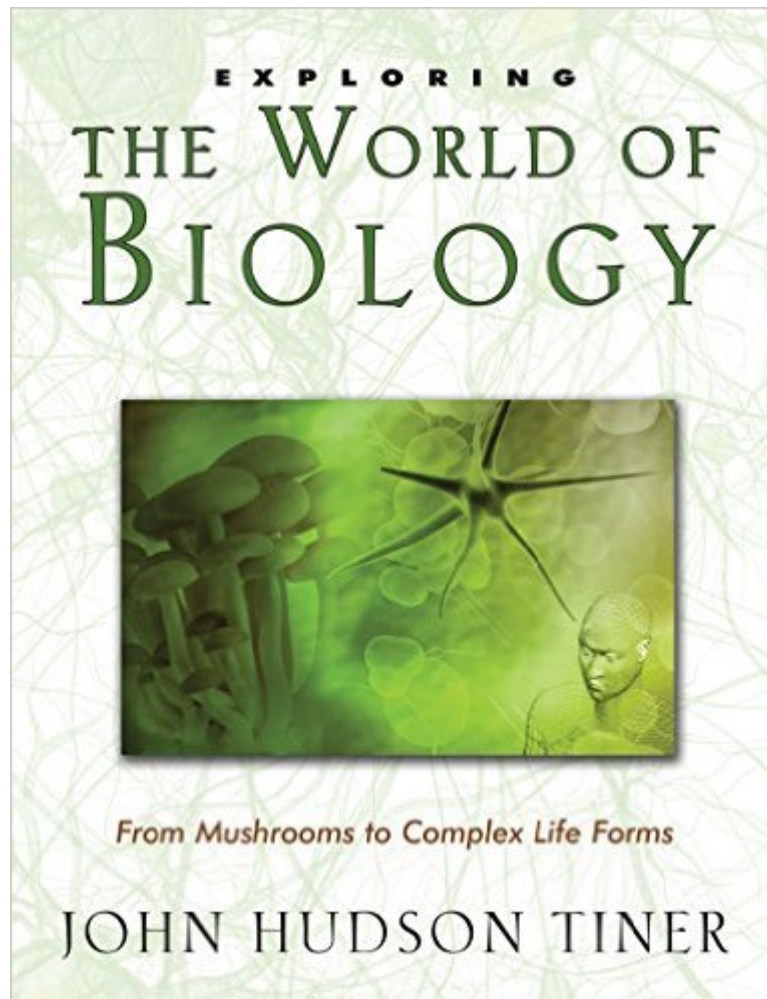


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# Exploring The World Of Biology: From Mushrooms To Complex Life Forms (Exploring Series)



## Synopsis

The field of biology focuses on living things, from the smallest microscopic protozoa to the largest mammal. In this book you will read and explore the life of plants, insects, spiders and other arachnids, life in water, reptiles, birds, and mammals, highlighting God's amazing creation. You will learn about the following and so much more: How does biological classification give each different type of plant or animal a unique name? In what ways are seeds spread around the world? What food does the body use for long-term storage of energy? How did biologists learn how the stomach digested food? What plant gave George de Mestral the idea for Velcro? For most of history, biologists used the visible appearance of plants or animals to classify them. They grouped plants or animals with similar-looking features into families. Starting in the 1990s, biologists have extracted DNA and RNA from cells as a guide to how plants or animals should be grouped. Like visual structures, these reveal the underlying design or creation. The newest book in our Exploring series, Exploring the World of Biology is a fascinating look at life - from the smallest proteins and spores, to the complex life systems of humans and animals.

## Book Information

Series: Exploring

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Average Customer Review: 4.5 out of 5 stars [See all reviews](#) (11 customer reviews)

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Age Range: 9 - 12 years

Grade Level: 4 - 7

## Customer Reviews

Upon receiving this book that I ordered for my 8th grade son, I read some of the first chapters out of curiosity. We homeschool and are fortunate to have a gentleman with a PhD in Chemistry (who actually worked in his field - not the typical academic!) teaching science in our area. The first few chapters were very interesting, well written, and left me wanting to read the remainder of this book. It is not a dry, boring textbook that is commonly used in the Public aka Government schools. This book brings the subject ALIVE - which considering it is a book of biology - is quite appropriate. This could easily be used in the home for any parent desiring to teach science or learn along with their children. Thank you Dr. Reid for this book!

Everyone should have an informed understanding of the basic principals of biology. "Exploring The World Of Biology: From Mushrooms To Complex Life Forms" by John Hudson Tiner is a combination text book and work book that is ideal for introducing students and non-specialist general readers to those basic concepts that compose the science of biology. Readers will learn how biological classification provide each different type of plant and animal with a unique nomenclature (name), the variety of means by which plant seeds are spread around the world; the body utilizes foods for energy and how that energy is stored; the processes by which a stomach digests food to create that energy, and how biologists have drawn from their science to create useful products such as velcro. Of special note is how biologists began in the 1990s to utilize DNA and RNA extracted from cell structures to further define plant and animal nomenclatures. Nicely illustrated throughout and with a thoroughly 'reader friendly' text, "Exploring The World Of Biology" is a highly recommended introduction to the subject and especially useful as a curriculum supplement for Home Schooling families.

Here are some various observations I made about this book:--There are 14 chapters that are approximately 10 pages each, ranging from microscopic organisms to mammals.--Although it is listed as a middle school text, it can be used and adapted for different ages and skill levels.--Each chapter contains an 'Explore More' section, which includes questions, discussion ideas, and research options.--All of the pictures and illustrations are in black and white. This was a concern initially, since my boys really seem to be drawn in to the colorful pictures that generally accompany science texts. However, this seemed to be less important as I read the material, and the illustrations were still well done. I also realized that having black and white illustrations was probably the primary the cost of the book was so low.--The material was evolution free and had an underlying scriptural focus. The NIV translation was used for all of the Bible references. I think what I liked most about

Exploring the World of Biology was that it covered the basics in a thorough manner scientifically, but it also focused on the stories of the people and the discoveries involved. History was included in a very natural manner, and not simply as an add on piece of information. It is the first science book that I have reviewed that I can realistically see myself being able to use and adapt with each of my boys, ranging from 1st to 9th grades. It is very well written and user-friendly. I'm pretty sure at this point that this is the direction we will go in for the next school year. Disclaimer: I received a complementary copy of this book from New Leaf Publishers for review purposes. No other compensation was received.

I bought this as a supplement to go along with our homeschool curric for biology. It was a great resource and I am so glad I got it. The children enjoy reading it. The quizzes we do orally and it helps me to know how much the children are understanding.

I started reading this biology text yesterday in the car, and I could not put it down! My ten year old has been using it as a Science text now in our homeschool for about six weeks, and he tells me he really likes this book and loves biology. I can see why after reading four chapters straight through. Mr. Tiner makes the subject of biology come alive and shares so much fascinating information that you just don't want to stop reading. I took Biology and Advanced Biology in High School, and I must have forgotten so much in the last 20 years because I have (re)learned a great deal in the past 24 hours reading this book. Oftentimes, I would find myself thinking "Oh, I know this -- I had just forgotten..." but that didn't make the reading any less fascinating. The World of Biology by John Hudson Tiner is written for the Middle School or Junior High Student to work through independantly or for the Elementary student to work through with some guidance. It can also be used by the High School Student (or adult!) as a refresher course. Each chapter contains biographical information for Scientists, extra sidebars of information about something introduced in the main text and also each chapter starts with three questions that help you read the chapter smartly to grasp the main points. Each chapter closes with review questions to quickly test how much information you can recall. My Bottom Line: I really enjoy this series of books by John Hudson Tiner and would like to own all of them for my 10-14 year olds to read before they approach High School Science. This book is just about perfect for my 10 year old.

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