Genes and DNA: A Beginner's Guide to Genetics and Its Applications

Charlotte Omoto, Paul Lurquin
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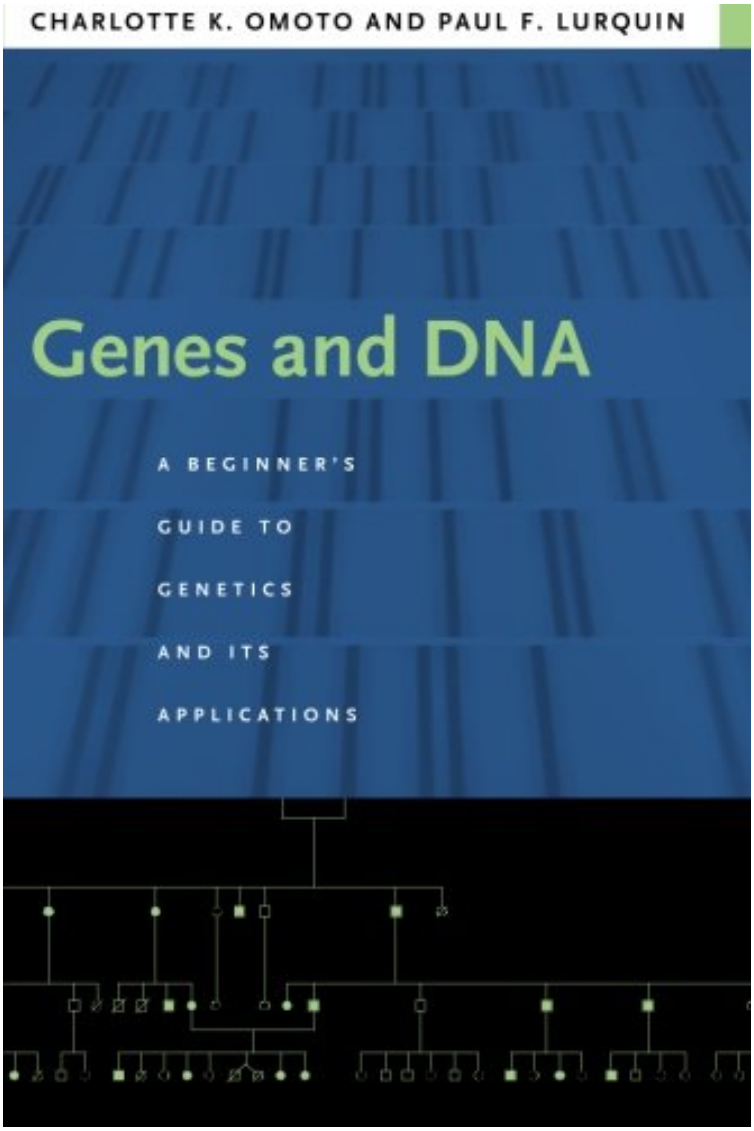

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Charlotte Omoto, Paul Lurquin : Genes and DNA: A Beginner's Guide to Genetics and Its Applications before purchasing it in order to gage whether or not it would be worth my time, and all praised Genes and DNA: A Beginner's Guide to Genetics and Its Applications:

0 of 0 people found the following review helpful. A good readBy olderguysruleAn interesting and enjoyable read. But it needs a proof read. I'm 95 pages into the book so far and have found at least 3 glaring mistakes so far that anyone

knowledgeable in astronomy should have caught. On page 86 it's stated that the planet Uranus is 30 AU distance from the sun. In Reality Uranus is around 19 AU and Neptune is at 30 AU. On page 91 is states that the Apollo missions gave us the 1st opportunity to see earth from 240 million miles. Actually that would have been 240 thousand miles. A 3rd one I found earlier but forgot to bookmark. Because of these I gave it a 4 star rating.1 of 1 people found the following review helpful. Perfect for those who love science but aren't scientistsBy FolkmanWell written and entertaining. Perfect for those who love science but aren't scientists. I learned a lot about this very interesting subject. We humans think we're so special but in the big picture the term insignificant comes to mind.0 of 0 people found the following review helpful. I would recommend a purchaseBy RVI picked up this book after taking an online course (intro to astronomy) taught by the author. If you are interested to learn about near complete catalog of unmaned missions, and what we have learned from each, I would recommend a purchase. The author does a great job of using everyday language to explain some pretty high level concepts.

Covering newsworthy aspects of contemporary biologygene therapy, the Human Genome Project, DNA testing, and genetic engineeringas well as fundamental concepts, this book, written specifically for nonbiologists, discusses classical and molecular genetics, quantitative and population geneticsincluding cloning and genetic diseasesand the many applications of genetics to the world around us, from genetically modified foods to genetic testing. With minimal technical terminology and jargon, Genes and DNA facilitates conceptual understanding. Eschewing the organization of traditional genetics texts, the authors have provided an organic progression of information: topics are introduced as needed, within a broader framework that makes them meaningful for nonbiologists. The book encourages the reader to think independently, always stressing scientific background and current facts.

The book covers much of the material in a high school textbook...but Omoto and Lurquin write in a way that makes things relevan to any interested adult. I think this is an excellent book that will be of great value in any public library collection...also in university and college libraries. (Margaret Henderson E-Stream)Very useful introduction to genes and genetic applications...Recommended. General readers. (P. M. Watt Choice)As a society we are asked to make informed decisions on complex issues such as stem cell research and the labeling of our food based on its level of genetic modification. We have a lot of homework to do, and this book is a good start. (Stephen Jones Washington State Magazine)About the AuthorCharlotte K. Omoto is professor of cell biology and genetics in the School of Biological Sciences at Washington State University. Paul F. Lurquin is professor of genetics in the School of Molecular Biosciences at Washington State University. He is the author of The Green Phoenix: A History of Genetically Modified Plants; High Tech Harvest: Understanding Genetically Modified Food Plants; and Origins of Life and the Universe.