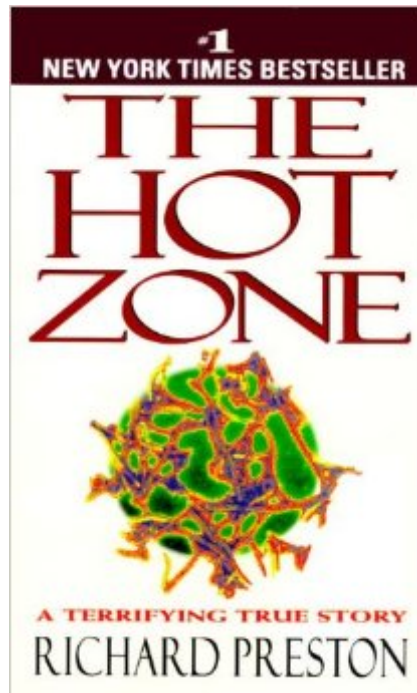


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The Hot Zone (Turtleback School & Library Binding Edition)



Synopsis

FOR USE IN SCHOOLS AND LIBRARIES ONLY. Describes how a strain of lethal virus showed up in 1989 at a Virginia laboratory, and relates the efforts of a military biohazard SWAT team to identify and contain the virus.

Book Information

School & Library Binding: 422 pages

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Average Customer Review: 4.6 out of 5 starsÂ Â See all reviewsÂ (1,881 customer reviews)

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Customer Reviews

Richard Preston is not a horror novelist, but this will be one of the scariest stories you've ever read. The cause of all this terror is from little beasts that are only microns in size, filoviruses. "Hot Zone" discusses four of these viruses, Marburg, Ebola Sudan, Ebola Zaire, Ebola Reston. I first came across Preston in his New Yorker article, "Crisis in the Hot Zone" which is basically the cliff notes to this book. It piqued my interest and eventually led to me reading this book. Everyone knows that they should be afraid of Ebola. The Zaire strand only kills 90% of those it infects, in just a matter of day, in the worst way imaginable. Filoviruses are hemorrhagic viruses, causing those unfortunate enough to be infected to crash and bleed out. Preston goes into grisly detail about how these viruses work, and the symptoms that occur in humans. He traces the history of these viruses from their discovery. These are just set up for his main topic, the discovery of Ebola in Washington D.C. A monkey house in Reston Virginia is full of dying monkeys that apparently are infected with Ebola. Preston tracks down the mystery behind this domestic infection. This book does bring up an all-important point; we are only an airplane ride away from the outbreak of a pandemic. It is very possible that a highly contagious disease may break out and cover the earth in a matter of days

leaving a large portion of the population dead, making the premise behind Stephen King's novel "The Stand" not so far fetched after all. These filoviruses are very interesting, and Preston reveals them in such a way that you want to know more about them. The only hint I have to offer is, to avoid Intern's Disease, don't read this when you have a cold.

I read this book when it first came out in the 1990's. I'm writing this review now because, 1- the current (July 2014) outbreak of Ebola is "the deadliest in recorded history," and 2- I've NEVER forgotten the book. I can honestly say that in a way, it scarred me for life. The book terrified me. The thing that is so terrifying is the way the poor people who contract the disease die. It is just horrible. Once you start reading, you won't be able to put it down. But be warned, it is very disturbing. I really cannot think of anything on Earth more important than preventing the spread of Ebola. Please don't disagree until you have at least read this book.

In THE HOT ZONE, Richard Preston has woven epidemiological fact with the terrifying true story of how a strain of the Ebola virus came to the United States. He details various outbreaks of hemorrhagic fevers, traces them to their possible origins, and provides a basic education about viral evolution and forensics, all couched in narratives that will keep you turning page after page. After you have read his graphic descriptions of what happens to people who contract the deadlier strains of Ebola, you will understand fully just how dangerous the Reston, Virginia incident could have been. With its crisp language and pacing, THE HOT ZONE reads like an expert thriller novel, making its reality that much more horrifying. Not for the faint-hearted, this book will likely alter the way you view viruses and epidemics. I highly recommend this book for a general adult readership. (Teenagers under 16 may not be able to handle the highly disturbing descriptions Preston provides.) If you haven't read this book before, you should, especially now in this time of bioterrorism and global travel.

This was an interesting account of a biological incident at a monkey house near Washington DC, along with plenty of background information about the Marburg and Ebola viruses. I didn't mind the redundancy about which others have complained; the repetition of some of the information about viral functions prompted retention, along with stirring the imagination as to the effects of a killer virus. After reading the book, I performed some web searches and found several sites advertising hiking excursions to Mt. Elgon's Kitum Cave in Africa, which is believed to be the home of the Ebola/Marburg strains, though it's presently unknown which animal is the natural host. Let me tell

you, if you are sufficiently insane to visit Kitum Cave after reading The Hot Zone, then you are living proof of Darwin In Action. I liked the author's analogy about fatal viruses, such as Ebola and HIV, acting at the Earth's own antibodies, protecting the environment from encroachment by humans in places where the Earth doesn't want humans to be fiddling with things. Invasions of the deep rain forests and encounters with fatal biological agents therein are warnings for humans to stay away. Have everyone in your family read The Hot Zone, so that next time someone gets sick you will have all sorts of terminology to throw around the dinner table -- extreme amplification, crash-and-bleed-out and other delightful descriptions about the effects of disease on humans. Enjoy.

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