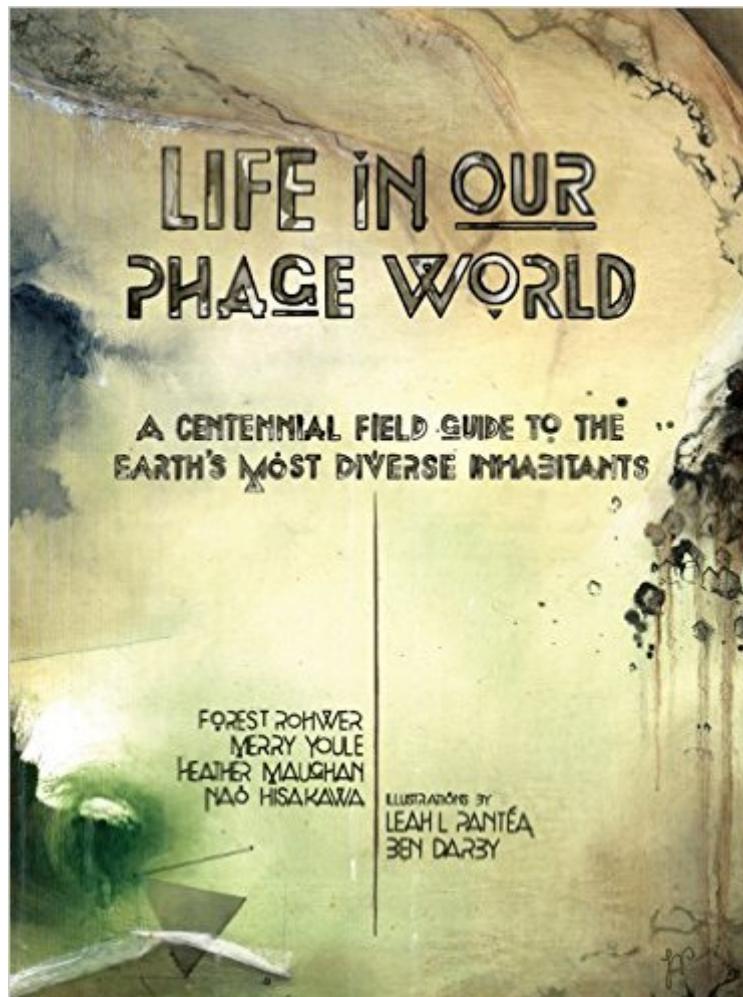


The book was found

# Life In Our Phage World



## Synopsis

## Book Information

Hardcover: 408 pages

Publisher: Wholen (December 1, 2014)

Language: English

ISBN-10: 0990494306

ISBN-13: 978-0990494300

Product Dimensions: 8.5 x 1.2 x 11 inches

Shipping Weight: 3.4 pounds (View shipping rates and policies)

Average Customer Review: 5.0 out of 5 starsÂ  See all reviewsÂ  (7 customer reviews)

Best Sellers Rank: #465,643 in Books (See Top 100 in Books) #27 inÂ  Books > Medical Books > Basic Sciences > Virology #447 inÂ  Books > Medical Books > Basic Sciences > Microbiology #1174 inÂ  Books > Science & Math > Biological Sciences > Ecology

## Customer Reviews

The year 2015 celebrates the centenary of the first documentation of phages by Frederick W. Twort. Since then, however, phages (the viruses that infect bacteria) have often been ignored, discounted and underestimated. Forest Rohwer and his distinguished co-authors now address this glaring omission. A centennial field guide to the most abundant biological entities in the world has been missing until today. In the tradition of other field guides the authors include a global map showing the known geographic range of each featured phage as well as its habitats. Additionally, phage genomes are represented by two versions. First, an artist-created overview of the variety of genome structures of phages when travelling between virion and host (e.g., linear or circular, single-stranded or double-stranded, sticky ends, direct or inverted terminal repeat nucleotide syntax). Second, a detailed genome map allows the reader to follow each gene, finding information about its function, its homology with other phage genes and the localisation of its protein product. With this field guide a second century of phage study has begun.

**Bacteriophages** A bacteriophage is a virus that infects and replicates within a bacterium only. There are 10(31) phage virions on earth. This is ten times more than all cells that constitute cellular organisms. Every second, 10(24) phage infections occur on this planet, whereas lytic infection by a single phage yields 20 to 400 progeny per infectious cycle. In the human gut we can find 10(16) phage virions. Together there are 4 million families of viral proteins on earth. If all 1031 phage virions were placed side by side they would stretch to 42 million light years! The book heralds a second century on phage research, but under very different circumstances.

[Download to continue reading...](#)

Life in Our Phage World Antibody Phage Display: Methods and Protocols (Methods in Molecular Biology) The Cult of the Amateur: How blogs, MySpace, YouTube, and the rest of today's

user-generated media are destroying our economy, our culture, and our values Our Story: 77 Hours That Tested Our Friendship and Our Faith Modified: GMOs and the Threat to Our Food, Our Land, Our Future Vaccine Epidemic: How Corporate Greed, Biased Science, and Coercive Government Threaten Our Human Rights, Our Health, and Our Children The Story of Stuff: How Our Obsession with Stuff Is Trashing the Planet, Our Communities, and Our Health-and a Vision for Change Toxin Toxout: Getting Harmful Chemicals Out of Our Bodies and Our World Life Coaching: Life Coaching Blueprint: Save A Life One Person At A Time (BONUS 30MINUTE Life Coaching Session- How To Motivate, Inspire, Change Your Life) Dataclysm: Love, Sex, Race, and Identity--What Our Online Lives Tell Us about Our Offline Selves VIETNAMESE VEGETARIAN FOOD - OUR FAMILY VEGETARIAN RECIPES: VEGETARIAN FOOD RECIPES FROM OUR VIETNAMESE HOME - VEGETARIAN FOOD RECIPES VEGAN RECIPES ASIAN ... RECIPES ASIAN VEGAN SERIES Book 1) The Yellow Door: Our Story, Our Recipes Polish Chicago: Our History, Our Recipes Our Honeymoon: A Record Book of Our Getaway Our Stolen Future: Are We Threatening Our Fertility, Intelligence, and Survival?--A Scientific Detective Story The Global Achievement Gap: Why Even Our Best Schools Don't Teach the New Survival Skills Our Children Need;and What We Can Do About It Human Transit: How Clearer Thinking about Public Transit Can Enrich Our Communities and Our Lives The Crazy Makers: How the Food Industry Is Destroying Our Brains and Harming Our Children Our Votes, Our Guns: Robert Mugabe and the Tragedy of Zimbabwe Our Guerrillas, Our Sidewalks: A Journey into the Violence of Colombia

[Dmca](#)