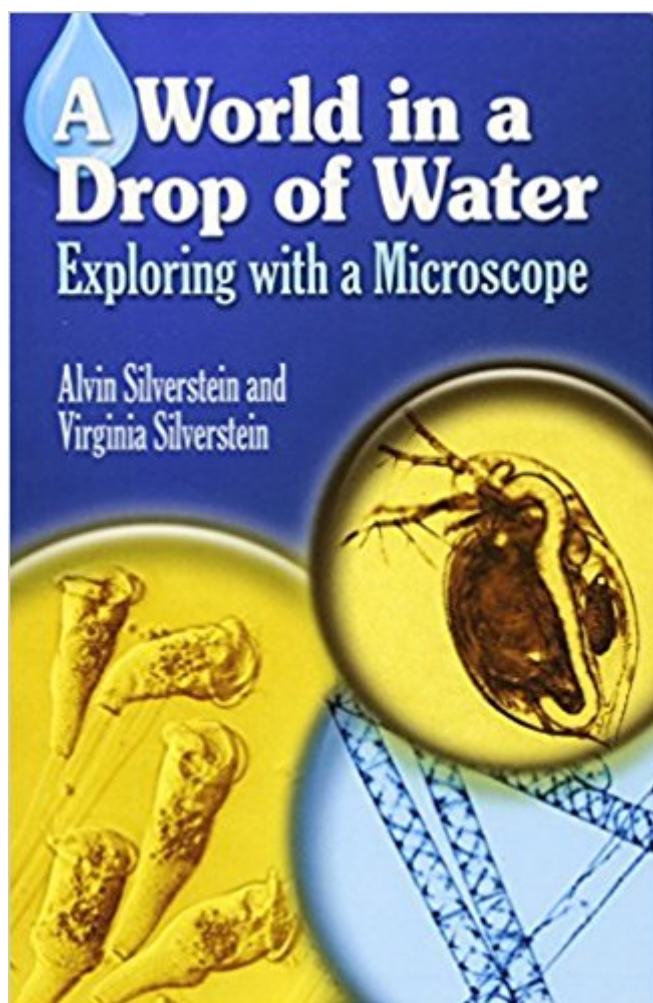


The book was found

# A World In A Drop Of Water: Exploring With A Microscope (Dover Children's Science Books)



## Synopsis

Within every drop of pond water lurks an invisible world, alive with an amazing variety of microscopic animals. And with the help of this book and a microscope, you can bring these tiny creatures into focus and discover the ways in which they live. You'll trace the path of a blob-like amoeba as it stretches out its pseudopods to hunt and gobble up its prey, and you'll see the life-or-death water ballet of a slipper-shaped paramecium as it swims away from its mortal enemy, the pincushion-shaped suctorian. You'll also meet the euglena, classified as both plant and animal; the rotifer, a creature with two wheels of whirling hairlike projections that help it move by squeezing in and out like an accordion; and the incredible hydra, a fearsome bully that constantly threatens other small animals with its crown of grasping tentacles. With this book, your key to the world of single-celled organisms, you'll learn fascinating lessons about how these strange animals eat, reproduce, and defend themselves. Enter their microscopic domain and see for yourself!

## Book Information

Series: Dover Children's Science Books

Paperback: 64 pages

Publisher: Dover Publications (August 13, 1998)

Language: English

ISBN-10: 0486403815

ISBN-13: 978-0486403816

Product Dimensions: 6.4 x 0.2 x 8.9 inches

Shipping Weight: 4 ounces (View shipping rates and policies)

Average Customer Review: 4.2 out of 5 stars 68 customer reviews

Best Sellers Rank: #43,926 in Books (See Top 100 in Books) #21 in [Books > Children's Books > Education & Reference > Science Studies > Nature > Water](#) #26 in [Books > Children's Books > Education & Reference > Science Studies > Biology](#) #34 in [Books > Children's Books > Science, Nature & How It Works > Experiments & Projects](#)

Age Range: 8 - 14 years

Grade Level: 3 - 8

## Customer Reviews

This really is an interesting and very, very helpful first book on what a child with a microscope can find in a jar of pond water. Alvin and Virginia Silverstein keep the text informative and simple and don't oversimplify or make it dull. There's a brief description of Leeuwenhoek's discovery of

microscopic life, a chapter titled "Let's Go Hunting" to get the interest flowing and then sections on the common things found in a jar of pond water: amoeba, paramecium, algae, euglena, rotifers, hydra, and flatworms. This book is about collecting and looking at specimens - it is not meant to be an instructional book on the mechanics of a microscope. Throughout the book, there's a good quantity of black-and-white photos of each of these microscopic animals and they were obviously taken with a professional high-powered microscope - so the kids who use this book might be a little disappointed that they can't see these animals with such magnification or clarity - but I suspect that most kids will be perfectly fine with this. I think this book would be a good buy for a child from about 7 to 11 years old. It should really whet their appetites for using that microscope!

An excellent book to get my kids started on exploring the tiny world - and the perfect excuse for us to start using the used microscope I picked up last weekend! We've seen tardigrades, nematodes, spirogyra and water fleas so far! Many more to come as we get through this book and build our water-world id chops.

Great gift to go along with a microscope for our little scientist! He really got into it and it was full of great information. Pictures were also done well.

I found this title on a list of "living books" and ordered it. I am so glad that I did. I have a five year old boy who is totally fascinated by it! He immediately asked if he could have paper to draw the amoebas and could tell me everything about them days later ... they really are fascinating. My eight year old daughter is equally as excited. We have collected our pond samples and will soon search for our own tiny creatures. I am so happy to have found a book, without a super hero in it, that has sparked such interest for him.

Great reading for my 6 year old Granddaughter to accompany a microscope.

Informative for the younger user.

New world there

not crummy but i wish it had better photographs, and definitely want to see images with colors (not only black and white)...

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