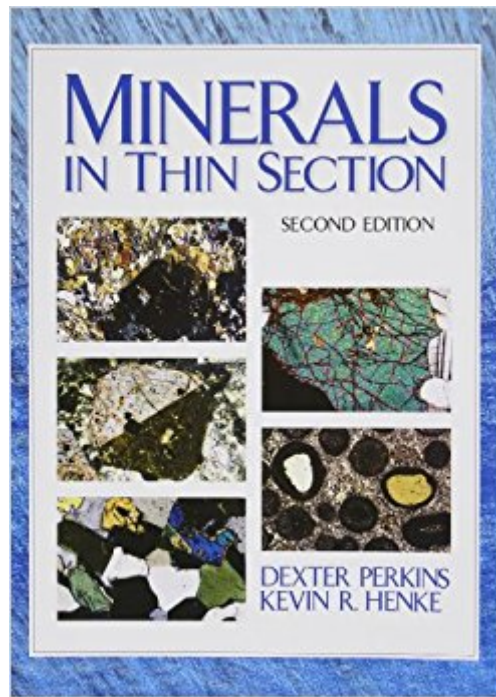


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# Minerals In Thin Section (2nd Edition)



## Synopsis

This clear and concise book assists learners as they look at thin sections. It focuses on the practical, need-to-know information absolutely necessary for work in the laboratory. **KEY TOPICS** Chapter topics cover: what is light?, polarization of light and the polarizing microscope, the velocity of light in crystals and the refractive index, interaction of light and crystals, other mineral characteristics in thin sections, and a detailed mineral description. For individuals interested in mineralogy and/or petrology.

## Book Information

Spiral-bound: 176 pages

Publisher: Pearson; 2 edition (June 15, 2003)

Language: English

ISBN-10: 0131420151

ISBN-13: 978-0131420151

Product Dimensions: 8.2 x 0.4 x 10.8 inches

Shipping Weight: 14.9 ounces (View shipping rates and policies)

Average Customer Review: 4.2 out of 5 stars Â Â See all reviews Â (17 customer reviews)

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## Customer Reviews

First time mineralogy student.. My book (textbook) fails miserably in the picture department, regarding some scratch test information (this book is not offering that information to the best of my knowledge!) and for descriptive ability..I am halfway through the semester, and have bought several additional books looking for one that can help me pick my way through this course..This one is very good. It's not perfect, doesn't offer all the varieties in color pictures, not even the ones described within, but it provides a noteworthy number, has excellent tables, and explains things fairly well.. Better than my 130 dollar used textbook, and I would also like to note that the refracting spectrum ? I obviously still have a long way to go lol) is better than any I have so far seen. The colors are portrayed much, much better, there's actually a discernible difference between the three or four levels and I'm impressed with that.. speaks well of the printer they used.I recommend it to my classmates.. Evidently it's the unmentioned optional lab manual to the class lol..I think it's fabulous.. better than most of the reference works I've seen in the past several months.

This book has some pretty good pictures in it, however cross sections are not labeled so you can identify the minerals individually. They just put a mass list below the images and expect you to be able to identify them. Really horrible if you have an instructor that gives you an assignment to id minerals but doesn't show you what they look like first.

Despite its price this is a great book to have for aspiring geologist or anyone taking a mineralogy class. It has clear colored pictures of how the thin sections supposed to look under the microscope which helps greatly in lab classes. It is also very detailed about mineral optics without having to look all over the book.

This book was a lifesaver in my optical mineralogy course. Although it wasn't required, it was recommended for the lab portion. Here's why - it's got all the answers in it. If you need to know whether a particular mineral is uniaxial or biaxial, positive or negative, and what its refractive indices are, this book will tell you, along with much more. The pictures are clear, really textbook examples of what the minerals should look like; the descriptions are easy to understand. At the front, before the list of minerals, is a bit of a primer on how the optical stuff works, interference figures, mineral microscopy techniques, pleiochroism, interference colors, etc; at the end are several lists that group data together and help you find the information you need, fast. This book of course isn't comprehensive, no volume could be, but it does cover most of the basics. If you're taking a mineralogy course that includes microscopy, you should give this one a look.

I bought this for a geology class. It wasn't required, but the lab TA said it helped her when she was an undergrad. She was right. This book is great. It not only has a description of what the mineral should look like, but also has really nice color images. This should be standard issue for any class looking at thin sections.

This is a good book for those who are starting in mineral optics. It has good pictures and some good explanations. I would recommend this book to any one who is interested in optical mineralogy or if they have to take an optical mineralogy class

Overall, the book is great. This particular copy should have been rejected as it is missing information that is clearly labeled in the table of contents. It is supposed to have lookup tables and

identification tables in the front and back cover, and while the book has a front and back cover, there are no tables there. I checked with a friend who ordered the same book and she has the information there. It's too much of a hassle to return, so I'll just copy and paste the information I'm missing from my friend's book.

The photos contain many minerals and the caption lists them. The problem is you don't know where each mineral mentioned in the caption is found in the photo. An arrow or line drawn from mineral names to the mineral in the photo is the only way to remedy this, but maybe there's a reason they want petrology to be hard.

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