

[Download free pdf] Synthetic Dyes for Natural Fibers

Synthetic Dyes for Natural Fibers

Linda Knutson

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Linda Knutson : Synthetic Dyes for Natural Fibers before purchasing it in order to gage whether or not it would be worth my time, and all praised Synthetic Dyes for Natural Fibers:

5 of 6 people found the following review helpful. Good book for more intermediate dyers.By Nancy LindquistNice, clear information. Boiled down to what you need without lots of fluff. I keep it in the, "next to the bed," pile. Meaning it sits on a shelf of books with information I cannot live without.. The section on dye chemistry is something I really appreciate and the, "evaluating and exploring," section is nice. While there is information for the rank beginner, I'd not start with this book. I liked photos in the beginning. I wanted to compare my work. This will give you a few, but it is not photo heavy and it not meant to be so. It's information pure and simple. Lots more cotton and cellulose than anything else.1 of 1 people found the following review helpful. Five StarsBy Janice K. ClarkA classic. Should be on every serious dyer's bookshelf.24 of 24 people found the following review helpful. 1986 Information Still Relevant in 2012-A Great Dyeing BookBy C. FRITZI recently purchased a used copy of "Synthetic Dyes Natural Fibers" by Linda Knutson (Revised Ed 1986). Don't let the publication date put you off. I bought it strictly on the advice of others, as I was unable to find any listing of the book's contents online.I was not disappointed.Table of Contents:1. Why become a Dyer pg 32. Fiber and Dye Chemistry pg 123. The Protein Fiber Dyes pg 344. The Cellulose Fiber Dyes pg 455. Color pg 636. The Metric System and The Dyer pg 847. Preparations for Dyeing pg 928. Dyeing Procedure pg 1019. Gradations pg 12310. Where to Begin pg 13411. Evaluating and Exploring pg 14312. Appendix: Lanset Dyes pg 15013. Glossary: pg 15514. Supply Sources/Index: 159-161Chapter 2: Fiber and Dye Chemistry was more in depth

than your average dye book, but not so over-the-top that it belonged in a technical textbook. I have been dyeing for 4 years, so I skipped the into dye information in Chapter 1. Chapter 3 discusses acid dyeing, milling dyes, chrome mordant dyes, premetallized dyes, basic dyes and union dyes, devoting a page or two on each type. Chapter 3 begins the discussion on fiber reactive dyes, reviewing dye chemistry, including charts on light-fastness and wash-fastness properties of each dye procion color. Fiber reactive dyes for wool, vat dyes, Azoic/Naphthol, and direct dyes are introduced. Chapter 4 begins with color value, light and a review of the light spectrum and its qualities/wavelength. Pages 68-83 include valuable information on color theories, most importantly color orientation and predicting color mixing results that I have not seen elsewhere. Chapters 6 and 7 contain great metric formulas and information specific to the dyer. Some of the formulas do not give as clear example as could be hoped, but there is enough information to be useful to figure depth of shade (DOS) etc. Chapter 8 reviews dyeing procedure of all fibers and all dyes - both cold water, hot water, fabric and cotton etc. Chapter 9 discusses gradation mixing. Specifically, page 126 has a 12 step gradation recipe/chart for mixing a yellow to red hue gradation. Formulas are given in metric and percentages are listed for a 1% DOS and ml are listed for the 12 step recipe. The mixing of secondary colors and value gradations continue on page 131 where two charts outlining a 7 step value gradation and a 11 step red-green gradation are listed. On page 132 - best in the book in my opinion - a 66 color recipe for a 3 color pyramid of colors, ranging in value from 0 (no color) to 10 (full color). Notes are included to make these colors for any weight of fiber. Chapter 10 reviews testing, samples, record keeping, and exploring your dye palette preference. The rest of the material is for reference. I found my dog eared copy at [...] for less than \$10 with shipping. It is an old library book from the Willard Public Library in Battle Creek, MI. This Interweave Press book has more charts, tables, illustrations and recipes than I expected. There are only 8 color pages with pictures in the center of the book. They are mostly photos of dye, completed quilts and dyed woven fiber. What this book lacks in color it makes up for in information: easy-to-read charts, metric information and most especially charts/recipes for 3 color exploration. The recipes are not your standard 90, 80, 70 etc. Discussion is given on making recipes relevant to color choice/properties also. It may be old, but now....in 2012, it is a "must have" reference book for someone new to dyeing, or for someone venturing into 3 color dyeing. If you have been dyeing a long time, I am sure this is on your shelf. For those of us who missed this one starting out, it is a great book to have. Johanna Fritz, Menomonee Falls, WI

Book by Knutson, Linda