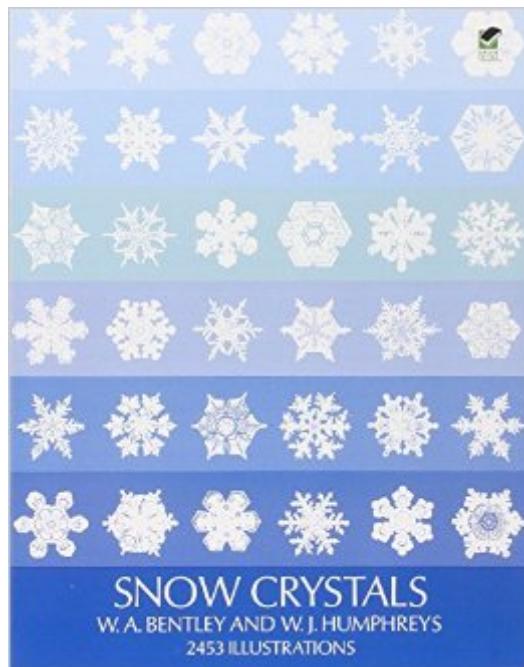


The book was found

Snow Crystals (Dover Pictorial Archive)



Synopsis

"Offers valuable material not only to students of crystallography but also to those of the arts." â " The New York TimesDid you ever try to photograph a snowflake? The procedure is very tricky. The work must be done rapidly in extreme cold, for even body heat can melt a rare specimen that has been painstakingly mounted. The lighting must be just right to reveal all the nuances of design without producing heat. But the results can be rewarding, as the work of W. A. Bentley proved. For almost half a century, Bentley caught and photographed thousands of snowflakes in his workshop at Jericho, Vermont, and made available to scientists and art instructors samples of his remarkable work. In 1931, the American Meteorological Society gathered together the best of these photomicrographs, plus some slides of frost, glaze, dew on vegetation and spider webs, sleet, and soft hail, and a text by W. J. Humphreys, and had them published. That book is here reproduced, unaltered, and unabridged. Over 2,000 beautiful crystals on these pages reveal the wonder of nature's diversity in uniformity; no two are alike, yet all are based on a common hexagon. The introductory text covers the technique of photographing snow crystals, classification, the fundamentals of crystallography, and markings. There are also brief discussions of the nature and cause of ice flowers, windowpane frost, dew, rime, sleet, and graupel. The book is of great value both to students of ice forms and for textile and other designers who can use the natural designs of these snow crystals in their work. Every photograph is royalty-free; you may use up to 10 without fees, permission, or acknowledgement."A most unusual and very readable book." â " Nature

Book Information

Series: Dover Pictorial Archive

Paperback: 226 pages

Publisher: Dover Publications; 1St Edition edition (June 1, 1962)

Language: English

ISBN-10: 0486202879

ISBN-13: 978-0486202877

Product Dimensions: 8.1 x 0.5 x 10.3 inches

Shipping Weight: 1.4 pounds (View shipping rates and policies)

Average Customer Review: 4.6 out of 5 starsÂ See all reviewsÂ (42 customer reviews)

Best Sellers Rank: #259,551 in Books (See Top 100 in Books) #10 inÂ Books > Science & Math > Chemistry > Crystallography #71 inÂ Books > Arts & Photography > Graphic Design > Clip Art #269 inÂ Books > Science & Math > Earth Sciences > Weather

Customer Reviews

This book has 226 pages, most of which consist of black and white photographs of snow and ice crystals. You might think that photographing snow crystals is no different than photographing other inanimate objects, but it's not true. Obtaining high-quality photographs of snow and ice crystals takes great work and perseverance, and you don't just find a library of such things lying about anywhere. The book contains more than just photographs. Part one has some really interesting stuff on different techniques used throughout history for reproducing the images of snow and ice crystals, along with some very interesting descriptions about the preparation and effort that go into taking a high-quality photographic plates. This section also describes how the crystals are classified, and some meteorological background information about how these crystals form, and how their structure leads to other phenomena in nature, such as the rings you sometimes observe around a bright moon on a cold winter night. Part 2 is only a few pages long (compared with part 1, which is 20) and discusses related phenomena such as the frost on windowpanes, dew and frost, rime ice, and glaze. Most of the book (pages 24 through 226) consists of reproductions of photographic plates showing snow crystals, with examples also of ice, window-pane frost, dew and frost, and glaze. A typical page shows 12 snow crystals, so there well over 2,000 examples in this book of just about every six-pointed crystal you can imagine. Now for the really interesting part. You've heard that no two snowflakes are the same. Right? Well, read this book very carefully.

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

Snow Crystals (Dover Pictorial Archive) Women: A Pictorial Archive from Nineteenth-Century Sources (Dover Pictorial Archive) Men: A Pictorial Archive from Nineteenth-Century Sources (Dover Pictorial Archive) The Day of the Dead: A Pictorial Archive of Dia de Los Muertos (Dover Pictorial Archive) Heraldry: A Pictorial Archive for Artists and Designers (Dover Pictorial Archive) Heck's Pictorial Archive of Nature and Science (Dover Pictorial Archive, Vol. 3) Hands: A Pictorial Archive from Nineteenth-Century Sources (Dover Pictorial Archive) Heck's Pictorial Archive of Military Science, Geography and History (Dover Pictorial Archive) (v. 2) Old-Time Circus Cuts: A Pictorial Archive of 202 Illustrations (Dover Pictorial Archives) Pictorial Archive of Geometric Designs (Dover Pictorial Archives) Handbook of Pictorial Symbols (Dover Pictorial Archive) Crystals and Sacred Sites: Use Crystals to Access the Power of Sacred Landscapes for Personal and Planetary Transformation Cassandra Eason's Healing Crystals: An Illustrated Guide to 150 Crystals and Gemstones Artistry in Iron: 183 Designs, Includes CD-ROM (Dover Pictorial Archive) Mehndi Designs: Traditional Henna Body Art (Dover Pictorial Archive) Animals: 1,419 Copyright-Free

Illustrations of Mammals, Birds, Fish, Insects, etc (Dover Pictorial Archive) 2,286 Traditional Stencil Designs (Dover Pictorial Archive) Symbols, Signs and Signets (Dover Pictorial Archive) Treasury of Flower Designs for Artists, Embroiderers and Craftsmen (Dover Pictorial Archive) Victorian Floral Illustrations: 344 Wood Engravings of Exotic Flowers and Plants (Dover Pictorial Archive)

[Dmca](#)