
Photographs

Elementary Photography in one volume offers an amateur photographer a complete and concise publication on the art and science of making pictures. The information presented is well organized, illustrated and expressed in simple language which can be readily understood by anyone having had high school training or its equivalent. The following are some of the twenty-four interesting chapters; historical background, elementary photographic optics, aberrations in lenses, camera parts and accessories, cameras and camera testing, film sensitivity and exposure, development of negatives, fixing and washing negatives, contact printing, photography of colored objects, photography of moving objects, photography by artificial light, negative troubles, reduction and intensification, projecting printing, composition, projection control, finishing the print, toning prints, natural color photography, lantern slides and transparencies, etc.

As an amateur photographer the writer has derived considerable practical knowledge from the contents of the various chapters. If photographers will put into practice the many suggestions made in the various chapters, few, if any, mistakes would occur in amateur picture making.—*Alvah Peterson.*

Elementary Photography, by Gilford G. Quarles. VII + 350 pp., 83 figs. New York, the McGraw-Hill Book Co., 1940. \$3.00.

Snedecor's Statistical Methods—Revised

This textbook of statistics, though written primarily for the biologist, is commonly turned to by workers in many other fields who wish to read what is perhaps the fullest account now available of the small sample methods of R. A. Fisher and others. Its author has probably had more experience in the practical application and teaching of these methods than any other person in this country. His textbook, based on that experience, has established several features of presentation as standard in statistics manuals designed for the biologist—use of but little mathematical formulation, lengthy discussion of worked examples, and emphasis upon experimental design and its implications in statistical analysis.

The revised edition features no changes and but few additions to the former chapters. These new sections deal with (1) rates and percentages and their comparison with regression coefficients, (2) the treatment of percentages in the analysis of variance and other difficulties arising from correlation between mean and variance, (3) the treatment of data involving disproportionate subclass frequencies and modifications of the randomized block experiment, and (4) methods of multiple covariance embracing four or more variables.—*C. W. Cotterman.*

Statistical Methods, by George W. Snedecor. xiii+388 pp. Ames, Iowa, the Collegiate Press, Inc. Revised, 1938. \$3.75.