

BOOK REVIEW

A Handbook of Biological Illustration, by F. W. Zweifel. University of Chicago Press, 1961. Pp. 131. \$1.95.

This paper-back fills a need. Here, in simple terms are clear instructions and up-to-date information "for the biologist who is not an artist and the artist who is not a biologist." The author is both. She holds a B.A. in zoology, and from the University of Arizona an M.A. in art. The book is an expansion of her thesis.

Although not exhaustive the coverage appears to be adequate, and the rather brief treatment is well planned, as the chapter headings show: Printing Processes, Size and Reduction of Illustrations for Publication, Materials, Drawing, Preparation of Graphs and Maps, Lettering, Illustrations from Photographs, Mounting

and Handling Illustrations. The chapters on drawing and graphs take up more than half of the book.

One illustration is worth special mention. In describing the use of scratchboard (cardboard surfaced with chalk) the author shows 3 stages in drawing the ventral view of a bandicoot's skull. The finished product (p. 60) is a classic, having an almost three-dimensional quality.

The printing, paper, and of course the illustrations are of high quality, which may account for the rather high price. Fifteen different references are given at the ends of the chapters, but are not cited in the text. There are sub-headings within the chapters, and an index.

—H. R. MacCarthy.