

SOME COMMENTS ABOUT PREVIOUS EDITIONS OF **HOW TO DISSECT:**

"A remarkable book... Highly recommended."
— **American Biology Teacher**. "Excellent..." — **Science Teacher**. "Excellent introduction to the techniques of dissection..." — **The Quarterly Review of Biology**.

Here is a new edition of **How to Dissect**, with two added chapters covering the dissections of the clam and the perch. The book now covers the spectrum of major dissections performed in most schools from beginning to advanced levels. It discusses the digestive, circulatory, reproductive, excretory, nervous, and respiratory systems of the earthworm, crayfish, grasshopper, clam, squid, starfish, shark, perch, frog, and fetal pig. In addition, there is a chapter on dissection of a gladiolus to introduce students to botanical dissection. The dissections are complemented with clear and effective step-by-step illustrations. Numerous thought-provoking projects are offered in significant areas such as pesticides, heart action, survival in space, microdissection, and juvenile hormones.

William Berman's classic manual of dissection and study is designed to help inquisitive students more clearly understand the differences and similarities between life forms and to serve as a springboard to more intricate and advanced studies in biology and the medical sciences.

William Berman, an outstanding educator with many years of classroom experience, is former chairman of the Department of Biological and Physical Sciences at Tilden High School in Brooklyn, New York.

ISBN 0-668-05941-9

ARCO PUBLISHING, INC.

215 Park Avenue South, New York, N.Y. 10003