

VENOMS

Edited by: **Eleanor E. Buckley**, Medical Department, Wyeth Laboratories; and **Nandor Porges**, Eastern Regional Research Laboratory of the U.S. Department of Agriculture, Philadelphia, Pennsylvania.

6 x 9 inches, 480 pages, 113 illustrations, index, clothbound, 1956.

Price \$9.50. AAAS Members' prepaid order price \$8.25.

A symposium volume of the American Association for the Advancement of Science.

The more than sixty scientific papers included in this volume were presented at the first International Conference on Venoms during the AAAS Meeting in Berkeley, California. The authorship spans the globe, and the coverage of all aspects of the problem is equally comprehensive.

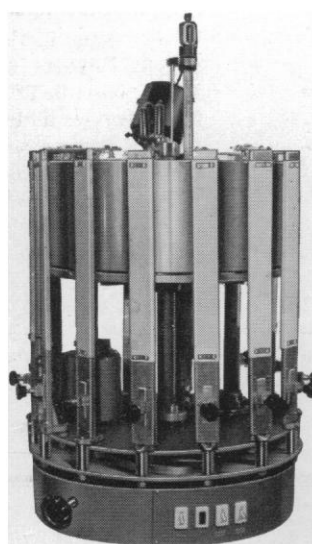
E. R. Trethewie of Australia reports experimental studies on certain pharmacological antagonists used in an effort to prolong life, providing more time for therapeutic measures. B. W. Halstead of the College of Medical Evangelists in California covers present knowledge on poisonous fishes. H. A. Reid of Malaya describes clinical effects of the bite of the sea snake (*Enhydrina schistosa*) in three fatal cases. Giovanni Favilli of the University of Bologna, Italy, discusses spreading factors in animal parasites and venoms, and some properties of hyaluronidase. The last subject is also covered by Paul Boquet, of the Institut Pasteur, in Paris. B. R. Criley and associates, of the Wyeth Laboratories, Marietta, Pennsylvania, describe the development and standardization of a multivalent refined antivenom for the family *Crotalidae*. The final article by H. L. Keegan of the U.S. Army Medical Corps presents an invaluable list of all known antivenins available throughout the world for all types of poisonous bites, with information on producers, sources, indications, dosages, and other details. The random selection is only a small sample of the wealth of valuable material by outstanding world authorities.

This book covers: poisonous fishes and marine organisms, many species of venomous snakes, the Gila monster, toads, scorpions, spiders, caterpillars, wasps and other venom-bearing insects; hyaluronidase-like substances and other spreading factors in venoms; various chemical components of venoms, coagulant and anticoagulant factors, antigenic principles; various experimental and suggested clinical uses of venoms; clinical considerations such as mortality rates in various localities throughout the world; and treatment of many kinds of envenomation (by snakes, scorpions, spiders and other organisms). Included are new developments in serotherapy and types of supplementary medication (as cortisone, ACTH, antihistamines). The dangers of refrigeration for treatment of envenomation are discussed.

Physicians, pharmacologists, chemists, and zoologists will all find this volume an invaluable reference.

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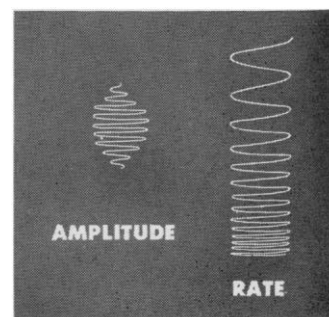
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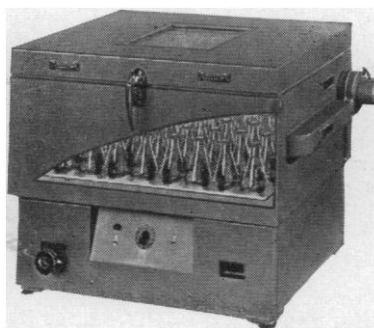
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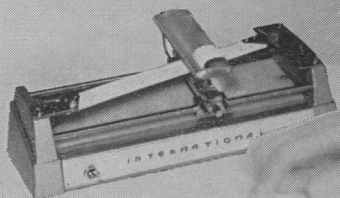
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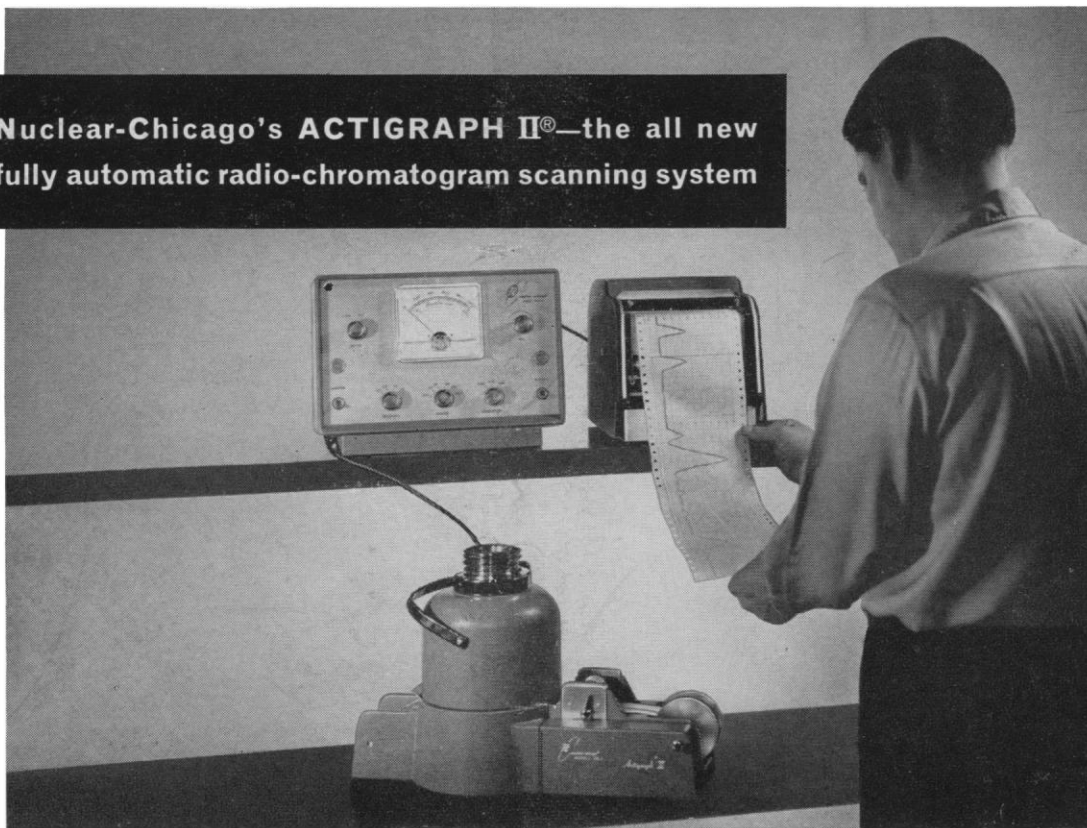
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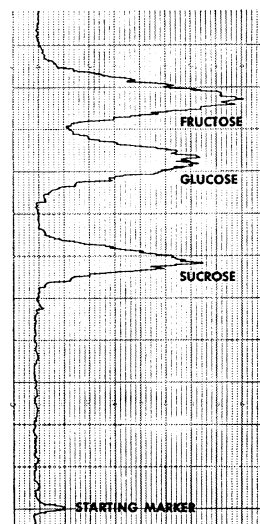
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