more than 10 years. They found that larvae had developed some degree of resistance to chlordane and dieldrin but not to DDT, although DDT had been more commonly used than the other two.

Other papers are devoted to cytogenetics, behavior, and control of *Anopheles,* to malariometry, to epidemiology, to suppression and prophylaxis by drugs, and to a wide variety of topics related either directly or indirectly to the chief goal, the eradication of malaria. They represent, for the most part, papers that were prepared for the second African Malaria Conference, held in Lagos in November 1955, for the Inter-regional Conference on Malaria for Eastern Mediterranean and European Regions, and for the sixth session of the World Health Organization Expert Committee on Malaria.

C. G. HUFF
Naval Medical Research Institute

A Guide to the Literature of Chemistry. E. J. Crane, Austin M. Patterson, and Eleanor B. Marr. Wiley, New York; Chapman & Hall, London, ed. 2, 1957. xv + 397 pp. $9.50.

Eleanor B. Marr, the principal author of this edition, states in her preface, "The first edition of *A Guide to the Literature of Chemistry* was the first comprehensive book to appear in its field." This was in 1927, and, 30 years later, by virtue of this second edition and of the absence of any comparable guidebook in this discipline, the *Guide* is still the most comprehensive book in its field. The vital role played by the literature in the development of chemistry and the dire need for signposts to guide the research worker through the ever-expanding maze of chemical literature make this *Guide* a "must" for the science reference collections of library, laboratory, and home. It is also intended to be used as a textbook, and as such it should find wide acclaim in those universities that offer courses not only in chemical literature but also in documentation and library science. The textbook features include discussions of basic principles and topics, emphasis on how to use each form of chemical literature, and an introduction to the art of literature searching (chapter 10 rather than chapter 8, as is indicated in the preface).

The organization of the first edition has been retained for the most part, but the entire book was rewritten, material was updated, and two chapters were added, one on trade literature and the other on Government publications. The principal chapters are entitled "Books," "Periodicals," "Patents," "Government publications," "Trade literature," "Other sources" (biographies, bibliographies, lectures, motion pictures, reviews, scientific meetings, theses, unpublished materials), and "Indexes." In each of these chapters the chief sources are described, analyzed, and classified. Books and current journals are classified by subjects or fields (in accordance with the *Chemical Abstracts* classification of abstracts), and the journals, secondarily, by country. Abstract journals are classified separately. An 11-page chapter entitled "Libraries" furnishes a glimpse into the nature of the collections and services of the various types of libraries and outlines the principal classification systems used.

The seven appendixes contain listings of literature related to chemical literature; symbols, abbreviations, and standards used in chemical literature; libraries (U.S. and Canadian with notations indicating the extent of chemical collections and of the services provided); periodical bibliographies; scientific and technical organizations; periodicals of chemical interest (although the list contains only periodicals that were discontinued before 1910); dealers and publishers. One might suggest that some of these appendixes, especially 1, 3, and 5, could serve a better purpose by being integrated within the text under their related topics.

One may hope that publication of the third edition of the *Guide* will not await the passage of another 30 years, for the saturation point in chemical literature output is not yet in sight. E. J. Crane, in anticipation of a third edition, states in his foreword to the *Guide* that this "will be completely Miss Marr's. . . . The book is moving into good hands."

CHARLES M. GOTTSCHALK
Library of Congress

An Introduction to Electrostatic Precipitation in Theory and Practice. H. E. Rose and A. J. Wood. Constable, London, 1956 (order from Essential Books, Fair Lawn, N.J.). 166 pp. Illus. $2.80.

In this monograph H. E. Rose and A. J. Wood have covered the present state of the precipitation "art," both from a theoretical and practical point of view. Equipment is described, electrical theory is developed, practice and theory are compared, and the many problems of design calculation are reviewed. The authors have generally discussed and correlated the important literature in the field and have evaluated it in an unbiased manner. Where opinions could be expressed, they have added their own, with the careful judgment of those who write in a field with which they are well acquainted.

This work fills a gap that has long existed. Anyone who is working in this or in a related field will find the book easy to read, well prepared, and stimulating.

EMERY P. MILLER
Ransburg Electro-Coating Corporation, Indianapolis, Indiana

Precision Electrical Measurements. Proceedings of an international symposium on precision electrical measurements, National Physical Laboratory, 17–20 November 1954. Philosophical Library, New York, 1956. 26 papers. $12.

This volume contains the proceedings of the international symposium on Precision Electrical Measurements, which was held at the National Physical Laboratory, Teddington, England, in November 1954. The majority of the 26 papers presented are the work of staff members of the National Physical Laboratory, the National Bureau of Standards, and their counterparts in other countries. These laboratories were created largely to undertake precision measurements and to develop techniques for such measurements. This symposium testifies to the vigor with which these objectives are being pursued. But progress is necessarily uneven, and so we have the curious spectacle of a paper on the use of nuclear magnetic resonance—a very precise tool—in the measurement of magnetic fields side by side with a discussion of the use of sphere gaps—not very precise tools—in the measurement of high voltages.

The papers are divided into five sections. A summarized version of the discussion ends each section. Five papers in the section on "Capacitance and dielectrics" cover measurements of solids, liquids, and gases over a wide frequency range. "Inductance and magnetics" includes six papers on the measurement of magnetic properties at both low and high frequencies. "Electrotechnics" is concerned largely with the measurement of power. "High-voltage measurements" includes papers on measurement of direct, alternating, and impulse voltages. The last section, "High-voltage impulse testing techniques," devotes three of its six papers to the problem of breakdown in transformers.

The subject matter of the symposium is of direct interest to the electrical industry. Those members of the industry who are concerned with making electrical measurements will find here a clear exposition of techniques employed at the national laboratories and at industrial laboratories throughout the world. The authors make full use of circuit diagrams, graphs, and photographs in de-