

# •First Glances at New Books

## MEDICINE

**SINUS**—Russell Clark Grove—*Knopf*, 188 p., \$2. A popularly written book by a Manhattan nose and throat specialist which tells the layman what and where his sinuses are, how they become infected, and what an intelligent physician can do for him. It clears up much current nonsense about "sinus trouble", including the common belief that no doctor can cure it. Dr. Grove notes incidentally that the correct name for "sinus trouble" is sinusitis, since it is an inflammation like laryngitis. The book should answer most questions for America's host of sinus sufferers.

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## AERONAUTICS

**AEROSPHERE, 1941, Including Modern Aircraft, Modern Aircraft Engines, Aircraft Statistics, Buyer's Guide**—Glenn D. Angle, ed.—*Aircraft Publications*, 308 p., illus., \$10.

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## HORTICULTURE

**GARDENING WITH THE EXPERTS**—Noted Authorities—*Macmillan*, 239 p., \$2.50. This is a symposium on a number of special subjects, rather than a general comprehensive book for beginners. Chapters treat such topics as wild-flower gardens, the herb garden, understanding color, order of bloom, garden sanitation, and amateur flower shows and flower arrangement.

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## BOTANY

**FLORA ARCTICA: BRYOPHYTA OF CANADIAN ARCTIC**, Collection of Father Artheme Dutilly, O.M.I.—Identified and Annotated by William Campbell Steere—*Orders should be sent directly to Rev. Artheme Dutilly, Catholic University of America, Washington, D. C.*, 31 p., 50c. A checklist which bryologists everywhere will find interesting and useful.

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## TECHNOLOGY

**AMERICAN COTTON HANDBOOK, A Practical Reference Book for the Entire Cotton Industry**—G. R. Merrill, A. R. Macormac and H. R. Mauersberger—*American Cotton Handbook*, 1024 p., \$4.80. A new reference book, that should prove invaluable to those engaged in the textile industry and to teachers and students in technical schools. It goes into every phase of cotton: historical and economic background, botany and

cultivation, details of processing and testing. There is also a useful bibliography of references in English, and an extensive glossary of technical terms.

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## HOROLOGY

**TIME & TIMEKEEPERS**—Willis I. Millham—*Macmillan*, 616 p., illus., \$1.98. This book covers the whole subject of Time from the beginnings of history. Famous time-pieces are described and illustrated. The making of watches, their care, repair, accuracy and testing, are described.

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## METALLURGY

**INSPECTION OF METALS**—Harry B. Pulsifer—*American Society for Metals*, 180 p., illus., \$1 paper, \$1.50 cloth. This is a brief manual for those learning to inspect metals and for those engaged in the inspection of metals for the National Defense.

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## ELECTRICITY

**LEARNING ELECTRICITY EXPERIMENTALLY**—C. S. Siskind—*Burkert-Walton*, 160 p., illus., \$2. A series of experiments is described which is adapted to supplement class room instruction in the fundamental principles of electricity and magnetism.

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## PHYSICS

**THE NATURE OF THERMODYNAMICS**—P. W. Bridgman—*Harvard University Press*, 229 p., \$3.50. The two laws of thermodynamics and some miscellaneous matters are examined with the object of understanding them. This is best achieved, Prof. Bridgman contends, not by reducing them to a logical system, but by describing the "operations" a physicist employs in applying them—Prof. Bridgman's famous operational theory. The treatment is non-mathematical.

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## MATHEMATICS

**LECTURES IN TOPOLOGY**, The University of Michigan Conference of 1940—Raymond L. Wilder and William L. Ayres, eds.—*Univ. of Mich. Press*, 315 p., \$3. Twelve lectures and summaries of shorter papers presented at the conference on the subject of topology, the mathematics of position rather than of quantity.

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## GEOLOGY

**POSSIBLE FUTURE ON PROVINCES OF THE UNITED STATES AND CANADA**—A. I. Levorsen, ed.—*American Association of Petroleum Geologists*, 154 p., illus., \$1.50. With oil being poured out even more lavishly than blood on the altar of Ares, it is very much to the point to seek possible new sources. As seen by the present author, the principal potential fields lie in the Plains region east of the Cordilleras, all the way from the Arctic coast to the Rio Grande, in the hill country west of the Appalachians and over into the Ozarks, and through the Southeast, including peninsular Florida.

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## ENGINEERING

**CAREER IN ENGINEERING, Requirements, Opportunities**—Lowell O. Stewart—*Iowa State College Press*, 87 p., illus., 75c. This book tells what the young man should know about engineering before deciding upon it as his profession—very useful to those in doubt.

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## RADIO

**THE RADIO AMATEUR'S LICENSE MANUAL**—*American Radio Relay League*, 34 p., 25c. This manual tells the radio amateur how to get his licenses, the rules and regulations with the latest changes, and the answers to questions he will be asked on his examinations.

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## MATHEMATICS

**GALOIS LECTURES, Addresses Delivered by Jesse Douglas, Philip Franklin, Casius Jackson Keyser, Leopold Infeld at the Galois Institute of Mathematics, Long Island University, Brooklyn, N. Y.**—*Scripta Mathematica*, 123 p., \$1.25. Four lectures which treat, among other things, the four-color problem in map making, the fourth dimension and relativity.

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## BIOLOGY

**THE MICROSCOPE (17th ed., rev.)**—Simon Henry Gage—*Comstock*, 617 p., illus., \$4. A laboratory classic that has passed through many editions, this work is kept strictly up to date with each new appearance. In this edition, particular attention is given to new possibilities introduced by the electron microscope, and to the use of plastics in mounting slides.

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