New Books of Interest

MID-CENTURY
The Social Implications of Scientific Progress. Edited by JOHN BURCHARD, The Massachusetts Institute of Technology. Contains the complete program of M.I.T.'s 1949 convocation on the inauguration of President James R. Killian, Jr. Statesmen, scientists, philosophers, educators, and businessmen contributed their thoughts on major issues of the day. Among the participants were Churchill, Stassen, and Senator Flanders; Karl Compton, Vannevar Bush, and Sir Henry Tizard; Jacques Maritain and Percy Bridgman; and many others of like stature. None of the major issues discussed is exclusively technological but all are influenced or created by an advancing technology and are of immediate concern to the modern world. A TECHNOLOGY PRESS Publication. Ready in June. Approx. 770 pages. Prob. $5.00.

SOME THEORY of SAMPLING
By W. Edwards Deming, Bureau of the Budget and New York University. Presents the theoretical background plus the practical applications of modern statistical practice. Parts I, II, and III cover the problems which arise in planning surveys. Part IV gives a step-by-step summary of how the theory of sampling was applied to two real problems. Part V goes into advanced theory that can be used in the design and analysis of samples. One of the WILEY PUBLICATIONS in STATISTICS, Walter A. Shewhart, Editor. Ready in June. 602 pages. $9.00.

METHODS of STATISTICAL ANALYSIS
By A. Hald, University of Copenhagen. Emphasis is placed on methods useful in engineering. This present edition in English contains new material on quality control not included in the original Danish edition. In press. Volume I: Text—Approx. 634 pages; Prob. $7.50. Volume II: Tables—Approx. 80 pages; Prob. $1.50.

INDUSTRIAL CHEMICALS
By W. L. Faith, Corn Products Refining Company, Donald B. Keyes, Heyden Chemical Corporation, and Ronald L. Clark, Mellon Institute of Industrial Research. The first one-volume compilation of important technical and economic data concerning more than 100 major industrial chemicals. The selection has been limited to chemicals made at least in part by synthetic or biochemical methods. Ready in August. Approx. 644 pages. Prob. $8.00.

Send for copies on approval.

JOHN WILEY & SONS, Inc.
440 Fourth Avenue  New York 16, N. Y.
fifth annual
AAAS—GEORGE WESTINGHOUSE
$1000 AWARDS
for Newspaper and Magazine Science Writing

ELIGIBILITY
Only entries appearing in newspapers and magazines published within the continental limits of the United States are eligible. Persons other than the author may nominate entries in accordance with the rules. Articles from AAAS publications are not eligible, and previous winners of the awards are automatically disqualified.

CONDITIONS
NEWSPAPERS—($1000 AWARD)—Each entrant must submit three (and only three) separate published articles written during the contest year, one of which must be designated as the entry upon which he wishes to be judged. Completed entry blank must accompany each exhibit, with three copies of each story in the form of tear sheets, photostats, clippings, reprints, or syndicate copy, showing name and date of the publication. To receive the Award, the winner must be present at the Annual Meeting of the American Association for the Advancement of Science in Cleveland, Ohio, December 28, 1950. His expenses will be paid.

MAGAZINES—($1000 AWARD)—Each entrant must submit one published article written during the contest year, but may submit up to three. A completed entry blank must accompany each exhibit, with three copies of each story in the form of tear sheets, photostats, clippings, reprints, or syndicate copy, showing name and date of the publication. To receive the Award, the winner must be present at the Annual Meeting of the American Association for the Advancement of Science in Cleveland, Ohio, December 28, 1950. His expenses will be paid.

CRITERIA
Entries will be judged on initiative, originality, scientific accuracy, clarity of interpretation, and the story's value in promoting a better understanding of science by the public. The decision of the Judging Committee will be final.

DEADLINES
The contest year runs from October 1, 1949, through September 30, 1950, and all entries must be postmarked on or before midnight, October 8. The publication date on the issue in which the article appeared will be considered as the date upon which it was in circulation. Winners will be notified on or before December 15, 1950.

INFORMATION
Rules and entry blanks may be obtained by writing to the Chairman, Managing Committee, AAAS-George Westinghouse Science Writing Awards, 1515 Massachusetts Avenue, N.W., Washington 5, D. C.

The George Westinghouse Science Writing Awards, administered by the American Association for the Advancement of Science, are made possible by a grant from the Westinghouse Educational Foundation. By the terms of the grant the Association is instructed to recognize superior journalistic writing, with particular emphasis on the interpretation of scientific research and progress to the general public. Separate $1,000 Awards are made for newspaper and for magazine science writing.
Outstanding texts in the biological sciences

Manual for
Comparative Anatomy
Revised Edition
By Leonard P. Sayles

This manual features a unique arrangement, listing parts in one column, each followed by the descriptive material. Either type study or comparative study of systems is facilitated by this method. The revision includes 37 new illustrations, bringing the total to 92. All illustrations are fully and directly labelled. To be published in August.

Biology of the Vertebrates
Third Edition
By Walter and Sayles

In making the revision, Dr. Sayles has kept the flavor of the previous editions while bringing all the information up to date. Many new illustrations have been selected from a variety of sources, and several chapters have been rewritten in the light of recent research. $6.00

Fundamentals Of Comparative Embryology Of The Vertebrates
Revised Edition
By Alfred F. Huettner

Maintaining the same general plan of organization and morphological point of view, the revised edition of this popular text has been brought completely up to date. Two completely new chapters have been added; one on the history and theories of development, and the other on the embryology of the mammal. The original drawings by the author are unsurpassed in biological textbooks. $5.00

College Botany
By Hylander and Stanley

This new text is designed for a full-year course in general botany. Part I discusses the individual plant and its life problems, using a woody green plant to introduce the student to the basic facts of plant morphology, histology, and cell structure and function; Part II deals with plants as groups in our large vegetation complex. $5.00

THE MACMILLAN COMPANY, 60 Fifth Avenue, New York 11
LEAD SHIELDS
For Geiger Counters

LS-1 GENERAL PURPOSE TYPE
LS-2 THIN-WINDOW COUNTER TYPE
LS-4 LIQUID SAMPLE TYPE

WRITE FOR DETAILS ON COMPLETE LINE OF LEAD SHIELDS

TECHNICAL ASSOCIATES
PIONEER MANUFACTURERS OF RADIATION INSTRUMENTS
3728 SAN FERNANDO ROAD, GLENDALE 4, CALIFORNIA

PHOTOVOLT
Electronic Transmission Densitometer

- For accurate measurements of transmission density of photographic, photomicrographic, x-ray, spectrographic, and x-ray diffraction plates and films.
- For radiation monitoring with x-ray films.
- For exposure determination in photomicrography by direct light measurements in the focal plane.

Write for Bulletin #250 to
PHOTOVOLT CORPORATION
95 Madison Ave. New York 16, N. Y.
Also: Colorimeters, Fluorescence Meters, pH Meters, Photometers

another SCIENCE ADVERTISER expresses his satisfaction

"...we feel that our advertisements in SCIENCE have been of great value to us in making our animals known throughout the scientific world. ... We consider it one of the best mediums for this purpose."
Name on Request

YOU will also be satisfied at the results SCIENCE produces for you, because ... the more than 33,-000 scientists who subscribe to SCIENCE are an influencing factor in determining just what equipment and supplies will be purchased for the educational institutions, research foundations and industrial laboratories in the United States and 76 foreign countries.

Your advertisement in these columns reaches a distinguished, an influential, and a responsive audience—at reasonable cost.

- Write for Rate Card 26C Today ... let SCIENCE PRODUCE FOR YOU.
Introducing:

ANNUAL REVIEW OF PLANT PHYSIOLOGY

Volume 1


Volume 19

ANNUAL REVIEW OF BIOCHEMISTRY


"The general style, and the persistently high standard, of the Annual Review may be assumed to be well known to every reader of this journal . . . ." Arch. Biochem., 24, No. 2, Dec., 1949.

"The scope and nature of the publication render it an asset to all biochemical research libraries." Bull. Imperial Inst., 46, No. 2, 1948.

"This volume, like the preceding ones, should be of great interest and importance to all those who are concerned with research in plant and animal chemistry. . . ." Soil Science, 69: 1, Jan. 1950.

Volume 3

ANNUAL REVIEW OF MICROBIOLOGY

Contents: Bacterial Variation, J. Lederberg; Morphology, Cytology, and Taxonomy of the Actinomycetes, D. Erikson; Ciliated Protozoa; Cytogenetics, Genetics, and Evolution, T. M. Sonneborn; Metabolism of Microorganisms, W. W. Umbreit; Nutrition of Microorganisms, E. E. Snell; Constituents of Viruses, C. A. Knight; Actions of Antibiotics in Vivo, W. C. Cutting; The Cellular Basis of Immunity, W. H. Taliaferro; Virulence and Pathogenicity, D. W. Watson and C. A. Brandy; Types of Acquired Immunity Against Infectious Disease, S. Raffel; Chemistry of Toxins, L. Pilmer and K. C. Robbins; Nature and Variability of Disease Resistance in Plants, H. Hart; Oral Microbiology, R. W. Harrison; Dermatropic Viruses, C. J. Buddingh; Food Microbiology, H. O. Halvorson; The Growth of Bacterial Cultures, J. Monod; Recent Developments in Microbiological Techniques, L. S. McClung; Bacteriophage, J. Fong.

". . . These reviews are of great value to microbiologists, but they are of even more importance to workers in other fields of biology who are less familiar with recent developments in microbiology, but need to be kept informed concerning them. . . ." Soil Science, 69: 2, Feb. 1950.

". . . After perusal of this volume, one comes to the conclusion that Annual Review of Microbiology is an authoritative publication. It covers a rapidly growing science that borders on many fields." The Chemist, 26: 4, April, 1949.

Each volume: $6.00 Shipping charges: U.S.A. and Pan American—15 cents; Elsewhere—35 cents

ON SALE BY: ANNUAL REVIEWS, INC., Stanford, California, U.S.A.
BACK IN PRINT

In response to popular demand, we have again made available this invaluable work:

Atomic Structure of Minerals

By W. L. Bragg Langworthy Professor of Physics, The Victoria University of Manchester

"Comprises a thorough survey of the entire field of the internal geometry of crystals and will prove of inestimable value to all concerned with the classification of minerals, as well as those who seek to discover the basic principles of crystallography."—Scientific Book Club Review

"The investigation of atomic structure by means of x-rays has now gone far enough to give us data concerning the structure of nearly all the important chemical groups of minerals and will enable us to make a reclassification of mineral species on a more fundamental basis. This book, therefore, is a most important one for every mineralogist."—American Journal of Science

305 pages, frontispiece. $3.75

A WIDELY-USED TEXT

The Nature of the Chemical Bond and the Structure of Molecules and Crystals: An Introduction to Modern Structural Chemistry

By Linus Pauling Professor of Chemistry, California Institute of Technology

"Marks a most significant modern advance in the field of molecular structure... No book on the subject presents a clearer, more unified panorama of the field."—Sidney J. French, Journal of Chemical Education

"A clearly written survey of the nature of chemical binding as seen from the view-point of the atomic orbital methods."—Robert S. Mulliken, The Journal of Physical Chemistry

466 pages, 89 figures, 57 tables, 2nd edition, $4.50

CORNELL UNIVERSITY PRESS
124 Roberts Place, Ithaca, New York

NEW
Radically different!

"ZIRCONARC" PHOTOMICROGRAPHIC LAMP

For better black-and-white and color photomicrographs

Combines the concentrated light of the Western Union arc light bulb (about 1 mm dia.) with our fluorite-coated, 7-element aplanatic optical system of highest correction, free from chromatic aberration. Practically harmless to living cultures. Built with the same precision as the microscope itself. Length of lamp, 10". Height, 61/4". Base, 41/2" x 61/2". Price, complete with power unit and 40-watt bulb, $325. Order direct or from leading supply dealers.

Write for Bulletin ZL-321S
FISH-SCHURMAN CORPORATION
230 East 45th Street, New York 17, N. Y.

"Vitamin Free" for Biological Tests

Fat and water soluble vitamins are removed by several thorough extractions with hot alcohol. This process, which requires five days of special treatment, provides a product of exceptional purity and uniformity making it ideally suited for use in a wide range of experimental diets. It has been the Vitamin Test Casein of choice of many laboratories for the past ten years.

For other GBI diet materials and supplements write for Booklet No. 677

GENERAL BIOCHEMICALS, INC.
60 LABORATORY PARK
CHAGRIN FALLS, OHIO

June 2, 1950, Vol. 111

KLETT ELECTROPHORESIS

CUSTOM MADE

TOOL FOR THE ANALYSIS OF COMPLEX COLLOID SYSTEMS, AND FOR THE CONTROL OF PRODUCTION OF PURIFIED PROTEINS, ENZYMES, HORMONES

KLETT MANUFACTURING CO.
179 EAST 87th STREET
NEW YORK, N. Y.

PRACTICAL TELEVISION ENGINEERING

By Scott Helt

Complete, modern data on the practical and theoretical aspects of TV engineering
700 pages, 6 x 9, 385 illus., $7.50

Just off press, comes the first book since the war that covers the entire field of Television from the viewpoint of a practical engineer actually employed in the field. Written by one of the industry's pioneer engineers, PRACTICAL TELEVISION ENGINEERING starts with the fundamentals of picture transmission and progresses logically through every phase of its subject with special emphasis on Television manufacturing and broadcasting.

Subjects include: picture transmission fundamentals; cathode-ray tubes and oscillographs; electron tubes for image pickup; synchronizing generators; shaping and deflection circuits; video amplifiers, cathode follower; power supplies; receivers; camera chains; transmitters; broadcasting techniques; etc.

10-DAY MONEY-BACK GUARANTEE

Let us send you Bulletin MKS-12 giving full information about this indispensable laboratory aid.

Berkeley Scientific Company
SIXTH AND NEVIN AVE • RICHMOND, CALIFORNIA
Personnel Placement

CHARGES and REQUIREMENTS for “PERSONNEL PLACEMENT” Ads

1. Rate: 154 per word, minimum charge $3.00 for each insertion. If desired, a “Box Number” will be supplied, so that replies may be directed to SCIENCE for immediate forwarding. Each service counts as 5 words (e.g., a 25-word ad, plus a “Box Number”, equals 33 words). All ads must be in regular, uniform style, without display; the first word, only, in bold face type.

For display ads, using type larger or of a different style than the uniform settings, enclosed with separate border rules, the rate is $16.00 per inch; no extra charge for “Box Numbers”.

2. Advance Payment: All Personnel Placement ads, classified or display, must be accompanied by correct remittance, made payable to SCIENCE. Insertion can not be made until payment is received.

3. Closing Date: Advertisements must be received by SCIENCE, 1515 Mass. Ave., N.W., Washington, D. C., together with advance remittance, positively not later than 14 days preceding date of publication (Friday of every week).

POSITIONS WANTED

Biochemist, Ph.D.; two years’ teaching experience; six years, research biochemist in industry; considerable administrative experience; interested in research, teaching, chemical administrative positions; for further information, please write Burneice Larson, Medical Bureau, Palmolive Building, Chicago.

Biologist: retiring shorty; long successful head department in College Liberal Arts would like active academic work. Highest training, age and extensive recognition, unimpared vigor. Employing institution will not be burdened with aged man—just say good-bye. Box 163, SCIENCE. R6/2

Biophysicist: M.D. Desires position with group developing electronic techniques for medicine and biology. Age 38. 12 years with Navy Medical Corps in internal medicine, aviation medicine, research and teaching and industrial toxicology. Publications. Box 175, SCIENCE.

Experience college teacher of science in general education available in September; Ed.M., male, age 34, single. Location unimportant. Candidate for doctorate. Specialty History of Science. Box 178, SCIENCE. X

Geneticist. Woman. Recent Ph.D. Interested in teaching or research, particularly with microorganisms. Box 177, SCIENCE. X

Physical Chemist, Ph.D. Age 28, desires position which requires intelligence and adaptability rather than experience with specific techniques. Experience in reaction kinetics, pilotochemistry, adsorption. Box 179, SCIENCE. X

Physiologist: M.S. Two years university teaching experience in Mammalian Physiology and Anatomy. Desire teaching or research position in a medical school. Box 176, SCIENCE. X

Physiologist, Biochemist, Ph.D. 18 years research, teaching and administrative experience. Carbohydrate and brain metabolism. Now staff member research foundation. Profers university post. Box 180, SCIENCE. X

Physiologist, Biophysicist, Ph.D.: Comprehensive experience. Publications; research grants. Seeks position, teaching or research. Box 181, SCIENCE. X

Zoologist with training in physiology, endocrinology, radiobiology, desires teaching or research position. Several years teaching, research experience. AEC post-doctoral fellow. Available September. Box 181, SCIENCE. X

Are YOU seeking a new position?

41 REPLIES received from ONE classified ad in SCIENCE.

YOUR ad here will get RESULTS

(See “Charges and Requirements” above.)

Personnel Placement

POSITIONS OPEN

Magnetic Suspension—Consultation fees available for someone having experience in reducing bearing load of a rotating part by magnetic or electrostatic means. Need not interfere with present occupation. Box 182, SCIENCE.

Plant Pathologists, 2-4 years experience, college graduate. Starting $225, $358 in California agency. Opportunity for permanent civil service status. Apply before July 25. Recruitment Representative, 1015 L Street, Sacramento, California.

Position Open:

(a) Biochemist: Ph.D., to take charge of clinical laboratory, fairly large voluntary hospital; newly created position; opportunity for research, medical school affiliation; $5000-$7000; West. (b) Chemist for post of librarian; pharmaceutical company; minimum of 60 years old; physician eligible; duties consist of scientific writing, abstracting literature; knowledge of French, German desirable. (c) Assistant director of laboratories; 300-bed general hospital; administrative ability in background of one of sciences, preferably chemistry, required; $5000-$7000; chemical engineer or industrial engineer with industrial research experience dealing with inorganic and physical chemistry; challenging opportunity in industry; New England. (e) Two staff members for pharmacy department, state university; one should be qualified in pharmacognosy, the other in pharmacy; Middle West. (f) Associate professor bacteriology; liberal arts college; $4200-$4600; West. (g) S.1. Burneice Larson, Medical Bureau, Palmolive Building, Chicago.

Science Editor: General science background in physical and biological sciences with writing and/or publishing experience. Challenging opportunity for younger man in dissemination of scientific knowledge at adult level and publishing. Salary varies with academic training and experience. Address Franklin J. Meine, Editor-in-Chief, American Peoples Encyclopedia, 633 N. Michigan Avenue, Chicago.

Scientists: Salaried positions, $6,600 to $25,000. This confidential service for outstanding men who desire a change of connection, will develop and conduct preliminary negotiations without risk to present position. Send name and address for details. Tompkins Associates, 1205 Berger Building, Pittsburgh 19, Pa.

UNIVERSITY OF DACCA, East Bengal, Pakistan.

Applications are invited for the following posts on terms stated against each:

1. Professor of Physics—Salary will depend upon qualifications and may amount to Rs. 2000/-p.m. including allowances. In exceptional cases it may be increased to Rs. 2500/-p.m.

2. Professor of Botany—Salary will depend upon qualifications and may amount to Rs. 1500/-p.m. including allowances.

3. Reader in Geology—Salary and allowances up to Rs. 1000/-p.m.

(N.B. Re. 1/- = 1/6d)

Appointments will be on deputation or contract not exceeding five years or permanent basis in exceptional cases. Benefit of Provident Fund for service not less than five years, contribution to which on either side being 6 1/4% of the salary. Quarters will be provided on payment of 10% of salary. First class free passage for joining appointment at Dacca will be provided.

Applicants should be distinguished scholars, with experience of teaching and guiding research. Knowledge of English is essential. Candidates should give full details of age, nationality, academic career, teaching experience, and original publications enclosing a copy of each; also testimonials and names and addresses of three referees.

Applications must reach the Registrar, University of Dacca (P.O. Rampa) East Bengal, Pakistan not later than 31st July, 1950.
The Market Place

CHARGES and REQUIREMENTS for “MARKET PLACE” Ads
1. Rate: 20¢ per word for classified ads, minimum charge $5.00 for each insertion. Such ads are set in uniform style, without display; the first word, only, in bold face type. For display ads, using type larger or of a different style than the uniform classified settings, and entirely enclosed with separate rules, rates are as follows:
   Single insertion $16.00 per inch
   7 times in 1 year 14.50 per inch
   13 times in 1 year 13.00 per inch
   26 times in 1 year 11.50 per inch
   52 times in 1 year 10.00 per inch
2. Payment: For all classified ads, payment in advance is required, before insertion can be made. Such advance remittances should be made payable to SCIENCE, and forwarded with advertising “copy” instructions. For display advertisers, monthly invoices will be sent on a charge account basis—providing satisfactory credit is established.
3. Closing Date: Classified advertisements must be received by SCIENCE, 1515 Massachusetts Avenue, N.W., Washington 5, D. C., together with advance remittance, positively not later than 14 days preceding date of publication (Friday of every week). For proof service on display ads complete “copy” instructions must reach the publication offices of SCIENCE, 1515 Massachusetts Avenue, N.W., Washington 5, D. C., not later than 4 weeks preceding date of publication.

BOOKS

WANTED—YOUR PERIODICALS
We need Complete Sets, Rare, Volume and Single numbers. CASH IN on your periodical accumulations NOW!
COLLEGE LIBRARY SERVICE o Dept A, Box 311, N.Y. 3
Also send us your list of wants

Your sets and files of scientific journals are needed by our library and institutional customers. Please send us lists and descriptions of periodical files you are willing to sell at high market prices. J. S. CANNING AND COMPANY, 909 Boyson Street, Boston 15, Massachusetts.

WANTED TO PURCHASE:
SCIENTIFIC PERIODICALS
Sets and runs, foreign and domestic
SCIENTIFIC BOOKS
Entire libraries and smaller collections
WALTER J. JOHNSON
125 East 23rd Street, New York 10, N. Y.

Send us your lists of
SCIENTIFIC BOOKS AND PERIODICALS
which you have for sale.
Complete libraries; sets and runs; and single titles are wanted. Also please send us your want lists.
STECHERT-HAFNER, INC., 31 East 10th Street, New York 3.

PROFESSIONAL SERVICES

Since 1885
ALBERT
TEACHERS
AGENCY
and COLLEGE
BUREAU
25 E. Jackson Blvd., Chicago 4, Ill.
MEMBER NATTA
Reliable and Discriminating Service to Colleges and Universities of the Nation and their Personnel.

The Market Place

SPECIAL GLASS APPARATUS
Our glass blowing department is available for special scientific and technical glass apparatus made to specifications and drawings. Inquiries invited. Estimates furnished.
E. MACHLET & SON
218 East 23rd St.
New York 10, N. Y.

AMERICAN
COLLEGE
BUREAU
26 E. Jackson Blvd.
Chicago 4, Ill.
Universities and Colleges throughout the United States continue their great demand for recommendations for those trained in the different fields of Science. The positions range from instructorships to heads of departments.

SUPPLIES AND EQUIPMENT

98% Pure...
I (+) GLUTAMINE
G & W Laboratories, Inc.
370 Ocean Ave., Jersey City, N. J.

NEW 1950 CATALOG ON LABORATORY ANIMAL CAGES & ACCESSORY EQUIPMENT NOW BEING PRINTED FOR JUNE MAILING—COPY SENT ON REQUEST
HOELTGE BROS., Inc.
1919 Gest St.
Cincinnati 4, Ohio

DOUGHERTY CHEMICALS
85-34 154th Street
Richmond Hill 16, N. Y.
Phone: Jamaica 3-1880

IODOACETAMIDE

White SWISS Mice 20c
Write • J. E. STOCKER • Ramsey, N. J.
Rabbits, Cocks, Chickens, Ducks, Pigeons, Hamsters

All Amino Acids (natural, synthetic, unnatural).
Rare Sugars, Biochemical Products, Reagents, New Pharmaceuticals in stock. Write or phone Plaza 7-8171 for complete price list.
BIOS LABORATORIES, INC. 17 West 60th Street, New York 23, N. Y.

(The Market Place is continued on next page)
The Market Place
SUPPLIES AND EQUIPMENT

QUARTZWARE
for laboratory and industry
A complete line of standard laboratory ware.
Also custom fabricating to meet your requirements.
For particulars, write: Quartzware Division
THE PANRAY CORP.
340 Canal Street, New York 13, N. Y.

PARASITOLOGICAL PREPARATIONS
● high quality — low priced.
Write for catalog
TROPICAL BIOLOGICALS
● P.O. Box 2227, San Juan, Puerto Rico.

GLYCOXYAMINE—Hydroxyproline, L-Methionine
● AMINO ACIDS
● BIOCHEMICALS
● PRE-MIXED MICROBIOLOGICAL ASSAY MEDIA
H. M. CHEMICAL COMPANY, LTD.
144 North Hayworth Avenue
Los Angeles 36, California

TRANSPARENT BOXES
Five Sizes: Maximum protection and visibility for samples, specimens, small parts and other objects easily lost.
Write for leaflet TR-S.
R. P. CARGILLE
116 Liberty St., New York 6, N. Y.

LABORATORY ANIMALS
● Clean healthy well-fed animals
● Guaranteed suitable for your needs
Reasonably priced—Dependable service

Dogs Rats Rabbits
Cats Pigeons Hamsters
Mice Poultry Guinea Pigs

John C. Landis • Narragansett, R. I.

now available
β-Glucoorondase
dry powder—stable at room temperature
25,000 Fishman Units per gram* (in ammonium sulfate)
Fishman, W. H., et al., J. B. C. 173, 449 (1948)
write for further information
VioBin Laboratories Monticello, Illinois

● HYPOPHYSECTOMIZED RATS
Shipped to all points via Air Express
For further information write
HORMONE ASSAY LABORATORIES, Inc.
808 E. 58th St.
Chicago 37, Ill.

STAINS
● RARE
● COMMON
Price list on request
461 Bloor St. W.
Toronto, Canada

Again Available
MAMMARY TUMORS IN MICE
VIII + 223 pages, 7½ x 10½ inches double column, illustrated, clothbound
Reproduced, new price $3.50
(to AAAS members $3.00)

This symposium volume of the AAAS has, during the five years since its publication, attracted increased attention. After having been reported out of print for some time, the volume is again available. It contains 12 papers, contributed by members of the National Cancer Institute.

● AAAS SYMPOSIUM and other PUBLICATIONS
7½ x 10½ inches, illustrated, clothbound
(a) indicates cash prices to members.
(b) prices to nonmembers and institutions.

☐ HUMAN MALARIA, 44 papers on history, parasitology, anopheline vectors, epidemiology, symptomatology, pathology and immunity, tick vectors, treatment and eradication; reprinted. 406 pp. (a) $4.00, (b) $5.00.

☐ LIEBIG and AFTER LIEBIG—A Century of Progress in Agricultural Chemistry. 10 papers make available in convenient form the history of one of the most significant developments in agricultural science. 119 pp. (a) $2.50, (b) $3.00.

☐ RELAPSING FEVER in the AMERICAS, 20 papers on symptomatology, diagnosis, etiology, epidemiology, pathology and immunity, tick vectors, treatment and public health aspects. 150 pp. (a) $2.50, (b) $3.00.

☐ DENTAL CARIES and FLUORINE, 11 papers report on investigations in the British Isles, India, South Africa and the U.S.A. 111 pp. (a) $3.00, (b) 3.50.

☐ APPROACHES to TUMOR CHEMOTHERAPY, 41 papers. A progress report addressed largely to future workers. 412 pp. (a) $6.50, (b) $7.75.

☐ RICKETTSIAL DISEASES of MAN, 27 papers record the control of ricketsial diseases during World War II and reveal the scientific foundation on which the adopted methods rest. 255 pp. (a) $5.25, (b) $6.25.

☐ LIMNOLOGICAL ASPECTS of WATER SUPPLY and WASTE DISPOSAL (6 x 9), 8 papers sample the border area within the scope of interests common to the engineer, the limnologist, and the oceanographer. 95 pp. (a) $2.75, (b) $3.25.

☐ AAAS PROCEEDINGS and DIRECTORY of MEMBERS
1940–1948, 6 x 9 inches, 1219 pp.
(a) $8.50, (b) $9.50

A.A.A.S. PUBLICATIONS
1515 Massachusetts Ave., N.W.
Washington 5, D. C.

Please accept my order for one copy of Mammary Tumors in Mice and for the volumes checked above. My check in the amount of $..........................is enclosed.

NAME ..................................................
ADDRESS ...........................................

CITY ..................................................
ZONE ...............................................
The Leitz Panphot

Universal Camera Microscope

Only the Leitz PANPHOT enables you to switch from microscopic observation to photo-micrography without moving from your chair. Change-over from one to the other is fast, simple, dependable.

Now available to biological and clinical laboratories, the PANPHOT is a perfect combination of research microscope and reflex camera. The PANPHOT permits the use of any type of illumination—transmitted light, reflected light, darkfield illumination and polarized light. The camera accommodates 3½” x 4½” plates or cut film for black and white or color work.

A full range of accessories is available to equip the PANPHOT for every phase of photo-micrography, photo-macrography and for drawing and projecting micro-images.

Write today for information to Dept. SC

E. LEITZ, Inc., 304 Hudson Street, New York 13, N. Y.

LEITZ MICROSCOPES  •  SCIENTIFIC INSTRUMENTS  •  LEICA CAMERAS AND ACCESSORIES
NOW EVERYONE CAN ENJOY THE 'LAST WORD' IN COLORS SLIDE PROJECTION

PERFORMER 150
Delineascope

Discriminating amateurs and professionals, enthusiastic in their praise of the MC Delineascope, brought about the demand for this 150-watt 2" x 2" color slide projector to meet the needs and pocketbook of the average home user.

The new PERFORMER 150 offers . . . aspheric condensers . . . heat-absorbing glass . . . 5" focus f/3.75 Americoted objective, achromatically—anastigmatically—balanced . . . true color projection . . . fast, positive elevating lever . . . Autofocus slide carrier . . . cool double lamp house . . . sturdy metal construction.

Ask your photographic dealer to show you the new AO PERFORMER 150 Delineascope.

$42.90 (attractive lift-off carrying case $6.90 extra)

American Optical
INSTRUMENT DIVISION • BUFFALO 15, NEW YORK