

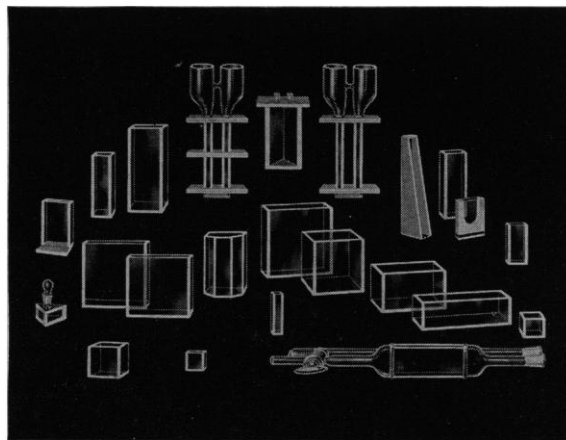
The Latest ANNUAL REVIEWS

ENTOMOLOGY Vol. 5 (Jan. 1960)
 PSYCHOLOGY Vol. 11 (Feb. 1960)
 PHYSIOLOGY Vol. 22 (Mar. 1960)
 MEDICINE Vol. 11 (May 1960)
 PLANT PHYSIOLOGY Vol. 11 (June 1960)
 BIOCHEMISTRY Vol. 29 (July 1960)
 PHYSICAL CHEMISTRY Vol. 10 (Sept. 1959)
 MICROBIOLOGY Vol. 13 (Oct. 1959)
 NUCLEAR SCIENCE Vol. 9 (Dec. 1959)

Most back volumes available
 \$7.00 postpaid (U.S.A.)
 \$7.50 postpaid (elsewhere)

ANNUAL REVIEWS, INC.
 Grant Avenue, Palo Alto, California

GLASS ABSORPTION CELLS made by KLETT



SCIENTIFIC APPARATUS
 Klett-Summerson Photoelectric Colorimeters—
 Colorimeters—Nephelometers—Fluorimeters—
 Bio-Colorimeters—Comparators—Glass Stand-
 ards—Klett Reagents.

Klett Manufacturing Co.
 179 East 87 Street, New York, New York

PERSONNEL PLACEMENT

CLASSIFIED: Positions Wanted, 25¢ per word, minimum charge \$4. Use of Box Number counts as 10 additional words. Payment in advance is required. Positions Open, \$40 per inch or fraction thereof. No charge for box number.

COPY for classified ads must reach SCIENCE 2 weeks before date of issue (Friday of every week).

DISPLAY: Rates listed below—no charge for Box Number. Weekly invoices will be sent on a charge basis—provided that satisfactory credit is established.

Single insertion	\$40.00 per inch
4 times in 1 year	38.00 per inch
7 times in 1 year	36.00 per inch
13 times in 1 year	34.00 per inch
26 times in 1 year	34.00 per inch
52 times in 1 year	32.00 per inch

For PROOFS on display ads, copy must reach SCIENCE 4 weeks before date of issue (Friday of every week).

Replies to blind ads should be addressed as follows:

Box (give number)
 Science
 1515 Massachusetts Ave., NW
 Washington 5, D.C.

POSITIONS WANTED

Microbiologist, general, female, 44, Ph.D. in 1954. Experience in electron microscopy and chemotherapy. Medical bacteriology prior to degree. Desires research and/or teaching and research. Box 166, SCIENCE. X

Organic Chemist and Biochemist, Ph.D., 15 years' experience, lipids, isotopes, chromatography, metabolism. Desires responsible position. Box 165, SCIENCE. X

Organic Chemist, M.A. Experienced in organic synthesis, research and development, radiochemicals, vacuum techniques, administration, technical writing, customer relations. Minimum \$10,000. Box 156, SCIENCE. X

POSITIONS OPEN

BACTERIOLOGISTS BIOLOGISTS MEDICAL TECHNOLOGISTS

Parke, Davis & Company has a number of openings in the Detroit area for female bacteriologists, biologists, and medical technologists at the B.S. and M.S. level, to do laboratory work in our research and production facilities. These openings are in virology, bacteriology, biology, antibiotics, immunology, and microbiological assay. Excellent opportunities to advance. Send complete résumé to

Personnel Department
 Parke, Davis & Company
 Detroit 32, Mich.

(a) **Virologist-Tissue Culturist**, Ph.D. to join newly organized eastern research group; new building, superior facilities; large university city. (b) **Biochemist**, Ph.D. to supervise department, teaching, research responsibilities; must have clinical experience; 400-bed general hospital; midwestern college city. (c) **Pharmacologist**, M.S., Ph.D., join staff university-affiliated research institute; West Coast. (d) **Bacteriologist** and (e) **Biochemist**; M.S. to supervise respective sections, 500-bed eastern general hospital; metropolitan area. (f) **Biochemist**, Ph.D. supervise medical school research, diagnostic cardiac laboratory; principally investigative work; supervise, train technologists; to \$9000; faculty appointment if desired; Midwest. (Please write for an analysis form. Our 64th year: Founders of the counselling service to the medical profession; serving medicine with distinction over half a century.) Science Division, Woodward Medical Bureau, Ann Woodward, Director, 185 North Wabash, Chicago, Illinois. X

POSITIONS OPEN

Biochemist-Physiologist. Excellent opportunity for independent research with possibility of academic affiliation. Salary open. Research institution Philadelphia. Box 162, SCIENCE. 8/5

BIOCHEMIST OR CELLULAR PHYSIOLOGIST

An expanding Midwest pharmaceutical company has an opportunity for a Ph.D. biochemist or cellular physiologist to do research on mechanisms of hormonal control of cellular metabolism and related problems. Please send complete résumé to

Technical Employment Coordinator
 UPJOHN CO.
 Kalamazoo, Mich.

Mammalian Virologist, Ph.D. or M.D. Immediate opening for teaching and research position with academic rank in medical school, West. Principal function: establish research program, plus graduate and medical-student training in virology. State qualifications, experience and salary desired. Box 164, SCIENCE. X

Medical Technologist, blood banking background desirable. Interest in research required. Excellent opportunity to participate in blood group research. Salary open. Mail replies to R. F. Amberg, Milwaukee Blood Center, Inc., Milwaukee, Wis. ew

POSITIONS OPEN

ENCYCLOPEDIA EDITOR

Excellent opportunity for man with academic or journalistic background in physics or chemistry who wishes career in publishing. We are looking for a permanent encyclopedia editor to rewrite articles and handle liaison with top men in the academic and industrial fields. Unusually attractive working environment in Charlottesville, Virginia, the perfect setting for gracious living in a university atmosphere. Liberal benefit program and relocation expense allowance. Please send résumé and salary requirements to

McGraw-Hill Encyclopedia of Science & Technology
Box 3757 University Station
Charlottesville, Virginia

EXPERIMENTAL PSYCHOLOGIST Ph.D.

Research in the behavioral areas affecting the performance of complex man-machine systems.

This is an unusual opportunity with a large nationally known electronics corporation, with headquarters in suburban New York City.

BOX SM 1377
125 W. 41 St.
New York 36, N.Y.

LITERATURE SCIENTIST

Organic Chemist is required for a position in our Scientific Information Section. This person must have a good technical background, and an interest in indexing procedures and methods. The position involves evaluation of published and of proprietary information. Writing skill would be an asset. Write stating qualifications and salary desired to Personnel Department.

WYETH

Box 8299 Philadelphia 1, Pa.

Pharmaceutical Development—Pharmaceutical Chemist, Biochemist or Pharmacologist well versed in ethical and proprietary drug development, who has ability to write technical background material, sales instructions and can exercise ingenuity in contributing to product development program. Excellent opportunity for employment of either laboratory or administrative talents. Send résumé and salary requirements to Box 160, SCIENCE. X

Scientific Illustrator. Experienced illustrator needed for Museum of Zoology at the University of Michigan. Applicants must have experience in biological specimen illustration for publication. Techniques should include pen-ink, various half-tone media, knowledge of photographic processes desirable. Permanent appointment offering attractive starting salary and pleasant working conditions. Applicants should send résumé to Mr. R. K. Richards, Manager, Employment Services, University of Michigan, 1020 Administration Building, Ann Arbor, Mich. 8/5

Positions Open

Effective 1 September 1960

Rates net—No agency commission

No cash discount

Minimum ad: 1 inch. Ads over 1 inch will be billed to the nearest quarter inch.

Frequency rate will apply only to repeat of same ad. No copy changes.

POSITIONS OPEN

ORGANIC CHEMISTS And PHARMACOLOGISTS

Excellent opportunities are available in the above sciences and allied fields for Ph.D.'s or equivalent with several years' experience in pharmaceutical research. Modern, expanding laboratories located in suburban Philadelphia. Salaries commensurate with experience. All inquiries will be kept confidential and will be answered promptly. Please send resumes to—

Personnel Department
WYETH LABORATORIES, Inc.
P.O. Box 8299 — Philadelphia 1, Pa.

Virologist and Tissue Culturist to participate in tumor virus program. Please state experience and salary desired. Box 167, SCIENCE. 8/12

FELLOWSHIPS

Pre- and postdoctoral fellowships in medical mycology to U.S. citizens. \$1800 to \$4400 annually, tax-free, tuition paid. Dependency allowances as required. Write Program Director, Medical Mycology, Tulane University School of Medicine, New Orleans, La. X

The Market Place

BOOKS • SERVICES • SUPPLIES • EQUIPMENT

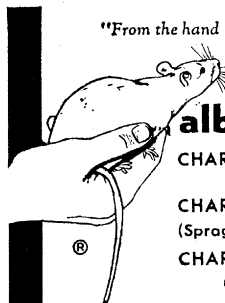
DISPLAY: Insertions must be at least 1 inch in depth. Weekly invoices will be sent on a charge account basis—provided that satisfactory credit is established.

Single insertion	\$40.00 per inch
4 times in 1 year	38.00 per inch
7 times in 1 year	36.00 per inch
13 times in 1 year	34.00 per inch
26 times in 1 year	34.00 per inch
52 times in 1 year	32.00 per inch

For PROOFS on display ads, copy must reach SCIENCE 4 weeks before date of issue (Friday of every week).

SUPPLIES AND EQUIPMENT

"From the hand of the veterinarian to research"®



albino rats

CHARLES RIVER CD
(Caesarean derived)
CHARLES RIVER SD
(Sprague-Dawley descendants)
CHARLES RIVER W
(Wistar descendants)

HYPOPHYSECTOMIZED RATS

- Only Charles River CD animals used
- Rigidly controlled environment (same bldg.) birth to surgery.
- High speed surgery by graduate biologists.
- 10 years experience animal surgery.
- Overnight air service from Boston

THE CHARLES RIVER BREEDING LABS
1018 Beacon St., Brookline 46, Mass. RE. 4-2000
Henry L. Foster, D.V.M., President

SUPPLIES AND EQUIPMENT

• HYPOPHYSECTOMIZED RATS

Shipped to all points via Air Express
For further information write
HORMONE ASSAY LABORATORIES, Inc.
8159 South Spaulding Ave., Chicago 29, Ill.

YOU NEED THIS FREE CATALOG FOR YOUR FILES

Serums, antisera and bloods of all kinds for technicians and tissue culture laboratories. No salesman will call.

COLORADO SERUM CO.
4950 York St. • MAin 3-5373 • Denver 16, Colo.

PROFESSIONAL SERVICES



LABORATORY SERVICES

for the
FOOD and DRUG INDUSTRIES
Drug Evaluation, Food Additive Studies
Chemical and Biological Assays,
Clinical Studies, Research

LA WALL & HARRISON
Div. S, 1921 Walnut St., Philadelphia 3, Pa. LO 3-4322

BOOKS AND MAGAZINES

Your sets and files of scientific journals

are needed by our library and institutional customers. Please send us lists and description of periodical files you are willing to sell at high market prices. Write Dept. A35, CANNER'S, Inc. Boston 20, Massachusetts

GRASSLANDS

Editor: Howard B. Sprague 1959

6" x 9", 424 pp., 37 illus., index, cloth.
Price \$9.00, AAAS members' cash orders \$8.00. AAAS Symposium Volume No. 53.

This volume is intended as a review of knowledge on many aspects of grasslands resources. The 44 authors were selected by their own professional colleagues as being particularly competent to present the respective subjects. Thirty-seven papers are arranged under these chapter headings:

1. Sciences in Support of Grassland Research
2. Forage Production in Temperate Humid Regions
3. Engineering Aspects of Grassland Agriculture
4. Forage Utilization and Related Animal Nutrition Problems
5. Evaluation of the Nutritive Significance of Forages
6. Grassland Climatology
7. Ecology of Grasslands
8. Range Management

British Agents: Bailey Bros. & Swinfen, Ltd.,
Hyde House, W. Central Street,
London, W.C.1

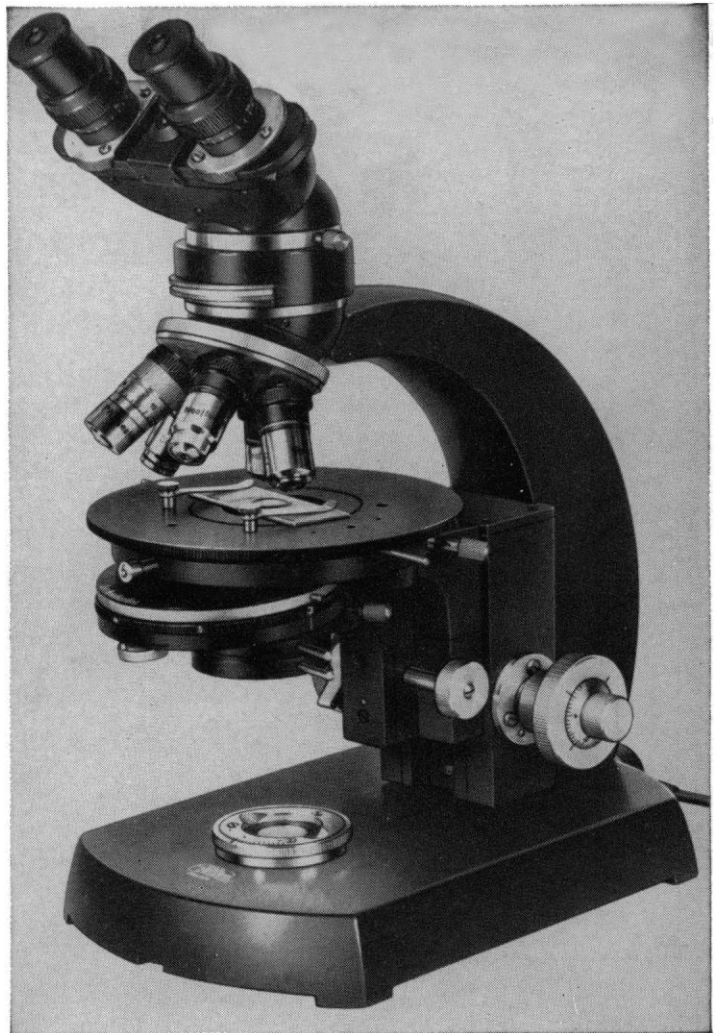
**AAAS, 1515 Mass. Ave., NW,
Washington 5, D.C.**



WEST GERMANY

RESEARCH MICROSCOPE

Model WL



A versatile, precision instrument

The latest optical and mechanical achievements are incorporated in this Carl Zeiss Research Microscope WL.

It is designed to meet today's demands of the microscopist for versatility and comfort in manipulation.

This microscope is well suited for microscopic observation in brightfield, darkfield, phase contrast, polarized light as well as incident light.

Write for free illustrated booklet describing this outstanding instrument.

CARL ZEISS, INC.

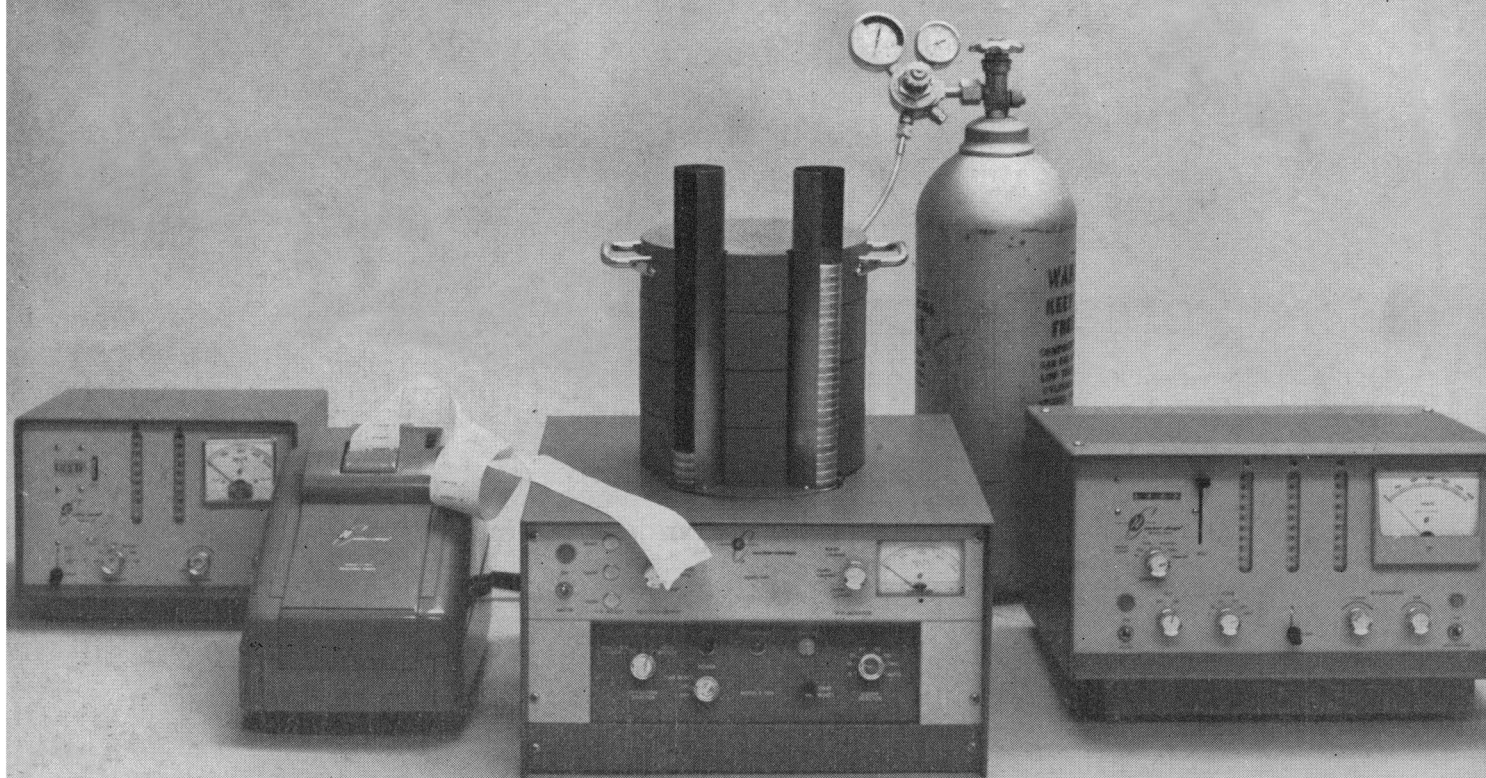
485 FIFTH AVENUE, NEW YORK 17, N. Y.

COMPLETE
SERVICE FACILITIES

Now, for the first time, automatic analysis of radioactive samples with counting rates as low as 2-3 cpm

Low level C-14, P-32, and Sr-90 samples, previously unmeasurable with automatic equipment, can be counted with high precision in Nuclear-Chicago's new Low Background Automatic Sample Changer. Unwanted interfering background has been reduced to only 2 counts per minute by extensive shielding and a unique "guard" which eliminates cosmic ray counts. High sensitivity is achieved by use of a new "Micromil"® window gas flow detector.

The low background permits a substantial cut in the amount of labelled reagent required in tracer work and greatly reduces measurement time. The entire system can be left unattended and printed data collected when convenient. And—if you already have a Nuclear-Chicago Automatic Sampler Changer, you can convert it at modest cost into the new Low Background Changer. For full information, please ask us to send our Bulletin C-115.




nuclear-chicago
CORPORATION
345 E. Howard Ave., Des Plaines, Illinois