the Transactions will soon be available. Cost of the complete set will be $25 ($5 for each part), and postal money orders for subscriptions should be sent to J. H. Mains, Editor, 61 Voer des Capucins, Louvain, Belgium. Reprints of the separate papers can also be obtained from him.

The Council of the National Institute of Sciences of India recently elected the following Honorary Fellows: Louis de Broglie, professor of theoretical physics, Poincare Institute, Paris University; Hans von Euler, professor emeritus of chemistry, Stockholm University; Harlow Shapley, director of Harvard Observatory, Harvard University; and Georg Tischler, Botanical Institute, Kiel University.

Deaths

Floyd Carlton Dockery, 69, professor of psychology at Ohio State University and former professor at Ohio Wesleyan University, died January 15.

Friedrich Schneider, plant breeder associated with Rabbette and Giesseke, seed breeders of Einbeck, Germany, died January 31 after a short illness.

Felix d'Herelle, 75, Canadian biologist and laboratory chief of the Pasteur Institute from 1914 to 1921, died February 22 in Paris. From 1928 to 1934 Prof. d'Herelle had served as professor of protobiology at Yale University.

James Rowland Angell, 79, president of Yale University for 16 years, died at his home in Hamden, Connecticut on March 4. Starting as assistant professor of psychology at the University of Chicago in 1894, Dr. Angell was acting president by the last year of his quarter-century there. After his retirement as president of Yale in 1937, Dr. Angell had been associated with the National Broadcasting Company as educational director.

Cosmic ray studies by Cornell University physicists are being carried on in a water tunnel drilled through 193 feet of solid rock more than a century ago by Ezra Cornell who, thirty years later, founded Cornell University. The limestone above the tunnel acts as a filter and only mesons—the most powerful of the cosmic ray particles—reach the automatic recording equipment within the tunnel. The experiments are being conducted by Donald E. Hudson, and Giuseppe Cocconi, researchers in the Laboratory of Nuclear Studies, who are using Geiger counters, an ionization chamber, and other equipment to measure the intensity of the mesons.

The current Progress Report of Brookhaven National Laboratory (BNL-AS-1), which combines the administrative and scientific progress for the period July 1–December 31, 1948, is now available. Requests for this report should be directed to the Instrumentation Group, Information and Publications Division, Brookhaven National Laboratory, Upton, New York.

The National Registry of Rare Chemicals, 35 West 33rd Street, Chicago 16, has submitted the following list of wanted chemicals: 1,3-dihydroxyanthraquinone; hydroxypropyric acid; n-triacontanol; carboxymethoxylyamine hemihydrochloride; glucose mononitrate; dibromogermane; neomenthol; 3,5-diodothyrinone; chavicine; 9-ketostearic acid; p-methane; carene; vanillyl amine; d-pantoyltauryl-p-chloroanilide; sylvestrene; thymidine; n-docosanal; sphenogymelin; trichlorogermane; and tungsten oxide tetrafluoride.

"Fishes of the Western North Atlantic" has recently been published by the Sears Foundation for Marine Research at Yale University's Bingham Oceanographic Laboratory. The 576-page study is the first of a series designed to present in one complete account the results of scientific advances of the past 50 years in the field of ichthyology. The volume is devoted to the most primitive forms of fishes: the lancelets, lampreys and hagfishes, and sharks.

Radioisotopes of cobalt, gold, and carbon are among the 50-odd elements heretofore sold by the U. S. Atomic Energy Commission that will now be made available without charge to approved cancer research workers. Up to this time only iodine, phosphorus, and sodium have been provided free. The only cost to qualified applicants will be $10 per shipment—which will cover packaging, monitoring, and bookkeeping—plus the cost of transportation. Allocation of the free isotopes will be made for studies involving animal subjects, research on basic cellular metabolism of cancerous cells, and experimental programs in evaluation of radioactive materials in therapy. Distribution is administered by the Isotopes Division, U. S. Atomic Energy Commission, Oak Ridge, Tennessee and interested investigators should address inquiries there.

Friends and pupils of the late professor Sir D'Arcy Thompson have formed a committee to establish a permanent commemoration of him and have inaugurated a D'Arcy Thompson Commemoration Fund for the purpose. The committee proposes to have a replica painted of the oil portrait given by Lady D'Arcy Thompson to the Department of Natural History in the United College and to present the replica to University College, Dundee, where Sir D'Arcy was professor for 33 years. It also proposes to have Alfred Forrest's clay model of Sir D'Arcy cast in bronze for presentation to the University of St. Andrews. Any further information with regard to the plan will be supplied by D. R. R. Burt (Secretary to the Committee), Department of Natural History, The University, St. Andrews, Scotland.

A Special Notice to Any Prospective Exhibitor in the Annual Science Exposition of the 116th Meeting of the AAAS New York City, December 26–31, 1949

If you did not receive a letter inviting your participation in this year's annual Exposition, and if you would like to receive the Official Floor Plan and Booth Rental Information on the release date this month, please write at once to: R. L. Taylor, Assistant Administrative Secretary, AAAS, 1515 Massachusetts Avenue, N.W., Washington 5, D. C.
Important new science books

AN INTRODUCTION TO CHEMICAL SCIENCE
By W. H. HATCHER, McGill University.

Written especially for the non-science student, this book deals with principles rather than laboratory techniques. It discusses in turn inorganic chemistry, organic chemistry, food chemistry, and industrial chemistry.

Second Edition, February 1949 449 pages Illus. $4.00

INTROGRESSIVE HYBRIDIZATION
By EDGAR ANDERSON, Washington University.

Methods for studying hybridization in the field are presented in this book so that the effects of hybridization in natural populations may be measured. The author offers methods for describing taxonomically an unseen species.

April 1949 109 pages Prob. price, $3.00

COLLEGE GEOGRAPHY
By E. C. CASE, University of Cincinnati, and the late D. R. BERGSMARK.

In four sections the new edition covers world environment, climatic regions and human activities, minerals and mineral industries, and trade and transportation. Human adjustment to environment is emphasized throughout.

Third Edition, January 1949 790 pages 298 illus. $5.00

PERSONNEL SELECTION, TEST AND MEASUREMENT TECHNIQUES
By ROBERT L. THORNDIKE, Columbia University.

This book tells how to develop good tests, how to apply them efficiently, and how to interpret them accurately. Emphasis is placed on the logic behind testing methods rather than on statistical procedures.

April 1949 Approx. 366 pages Prob. price, $4.00

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<table>
<thead>
<tr>
<th>NAME</th>
<th>pH Range</th>
<th>1 gm.</th>
<th>10 gm.</th>
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<tbody>
<tr>
<td>Thymol Blue, W.S.</td>
<td>1.2-2.8</td>
<td>$1.52</td>
<td>$12.10</td>
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<tr>
<td>(Thymol sulfon phthalein, Sodium salt)</td>
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<tr>
<td>Brom Phenol Blue, W.S.</td>
<td>3.0-4.6</td>
<td>1.52</td>
<td>12.10</td>
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<td>(Tetra bromo phenol sulfon phthalein, sodium salt)</td>
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<tr>
<td>Brom Cresol Green, W.S.</td>
<td>4.0-5.6</td>
<td>3.03</td>
<td>24.20</td>
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<tr>
<td>(Tetra bromo-m-cresol sulfon phthalein, sodium salt)</td>
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<tr>
<td>Methyl Red, W.S.</td>
<td>4.4-6.0</td>
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<td>(Di methyl amino azo benzene-o-carboxylic acid, sodium salt)</td>
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<td>Brom Cresol Purple, W.S.</td>
<td>5.2-6.8</td>
<td>1.52</td>
<td>12.10</td>
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<tr>
<td>(Di bromo ortho cresol sulfon phthalein, sodium salt)</td>
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<td>Chlor Phenol Red, W.S.</td>
<td>5.0-6.0</td>
<td>3.03</td>
<td>24.20</td>
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<tr>
<td>(Di chloro phenol sulfon phthalein, sodium salt)</td>
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<tr>
<td>Brom Thymol Blue, W.S.</td>
<td>6.0-7.6</td>
<td>1.52</td>
<td>12.10</td>
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<tr>
<td>(Di bromo thymol sulfon phthalein, sodium salt)</td>
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<td>Phenol Red, W.S.</td>
<td>6.8-8.4</td>
<td>1.52</td>
<td>12.10</td>
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<tr>
<td>(Phenol sulfon phthalein, sodium salt)</td>
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<tr>
<td>Cresol Red, W.S.</td>
<td>0.2-1.8</td>
<td>1.52</td>
<td>12.10</td>
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<tr>
<td>(Ortho cresol sulfon phthalein, sodium salt)</td>
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<tr>
<td>Meta Cresol Purple, W.S.</td>
<td>1.2-2.8</td>
<td>3.03</td>
<td>24.20</td>
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<tr>
<td>(Meta cresol sulfon phthalein, sodium salt)</td>
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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
   7 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.

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and all subjects, all languages. Also incomplete sets completed, genealogies
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P.S. We also buy books and magazines. Send us your list.

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. J. S. CANNON AND COMPANY, 909
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WANTED TO PURCHASE:
SCIENTIFIC PERIODICALS
Sets and runs, foreign and domestic
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J. S. CANNON AND COMPANY
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Send us your listing of
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Complete libraries; sets and runs; and single titles are wanted.
Also please send us your want lists.

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The above list of names is a photographic copy of the upper portion of page 673 of the DIRECTORY of the 40,000 members of the AAAS. It illustrates the ease with which a name can be found and the clarity of the printing.

This particular part of page 673 is chosen because it contains brief examples of nearly all types of biographical sketches. The first item is the name of a person, who was a member only one year. The next to the last name in the first column includes the usual biographical sketch: the subject was born in 1910, took his doctor's degree at Wisconsin, his specialty is Plant Physiology, he became a member of the Association in 1937, a fellow in 1939, and is affiliated with the Section on Botanical Sciences (G).

Preceding the Directory of Members is a history of the Association from its founding in 1848 to 1948, and a summary of the organization, objects, classes of members, numbers of members, dues, journals, awards, etc., of each of the 203 affiliated and associated societies of the AAAS. It is a compact survey of organized American science from its earliest days to the present time.

1219 pp., 6 x 9 inches, cloth bound, in cartons, postage prepaid—$8.50 to members, $9.50 to non-members.

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In every corner of the globe are found scientific instruments bearing the insignia, Spencer or AO Spencer. These instruments are known and respected the world over by scientists, educators, technicians, and students alike—as products of precision and quality from America's largest optical organization. Today new AO Spencer instruments are constantly being developed to meet the ever increasing demands of research, science, and education. They are built in the same tradition of fine workmanship established more than one hundred years ago.