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MAY - JUNE 1958. VOL. 49. NO. 5

**Soviet Scientific Journals**

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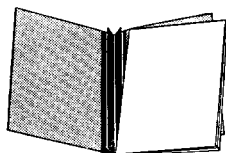
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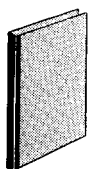
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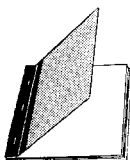
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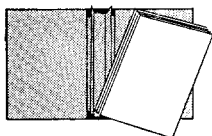
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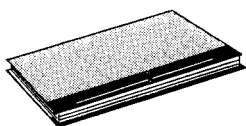
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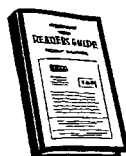
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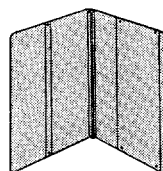
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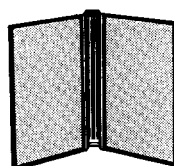
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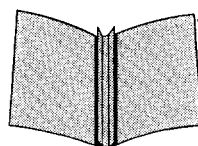
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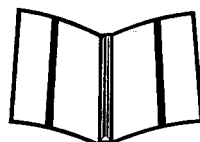
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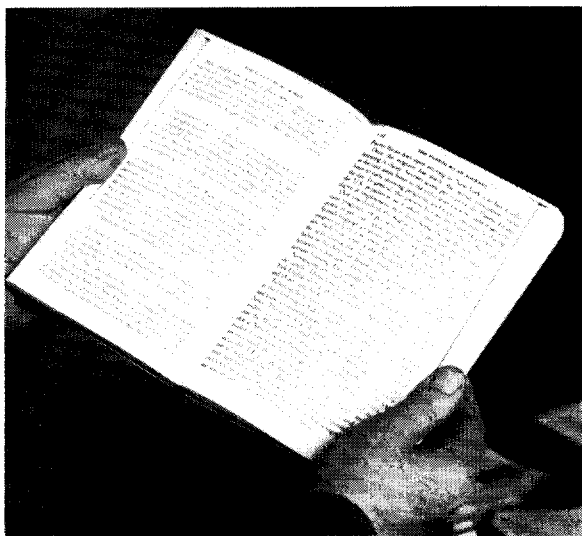
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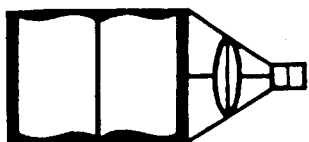
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# A Selected List of Soviet Scientific Journals

KAROL MAICHEL, Slavic Librarian  
Columbia University Libraries, New York City



**I**N VIEW OF RECENT SOVIET technical and scientific advances, public interest in Soviet scientific publications has risen considerably. Consequently, the librarian is faced with the acquisition of these publications on a much larger scale than in the past. The problem of selecting from the mass of available material, always a difficult one for the librarian without a knowledge of the Russian language, has become more difficult than ever. The purpose of this article is to cover one of the most important facets of the acquisition of Russian scientific material—the Soviet scientific journal.

Some of these journals include summaries or contents tables in English. Some are already being published in translation by private agencies in the United States, and, wherever this is the case, it is indicated in the description and the name and address of the publisher is given (generally, these translations are made *in toto*, but some publishers also issue translations of individual articles in the journals).

The description of each journal includes its general nature and contents, the audience at which it is aimed, its periodicity, its subscription price in original form and in translation, and the date of its first publication.

Subscriptions to these journals may be placed with the Mezhdunarodnaia Kniga, Soviet book export agency in Moscow, or with its representatives in various countries, whose addresses are listed at the end of almost every issue of the agency's catalog. This catalog appears weekly under the title *Sovetskie Knigi* and also in English translation under the title *Soviet Books*.

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**MOSKOVSKII UNIVERSITET. VESTNIK** (Journal of Moscow University)

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1. "Telemechanics" is a transliteration from the Russian. The closest English equivalent to the term would be "remote control."

in the national economy in general. It also includes reviews of individual problems in automation and telemechanization and critical and biographical guides to available literature on the subjects. It is intended for scientific workers, engineers, technicians and graduate students. It has been published bimonthly since 1936 by the Institute of Automatics and Telemechanics of the Academy of Sciences of the USSR. Price: \$12.

The journal includes summaries and contents tables in English. It is translated into English by Consultants Bureau (\$185).

#### **ELEKTRICHESKIE STANTSII (Electric Power Stations)**

Deals with the general problems of a power economy from the viewpoint of the individual generating station and of the power network as a whole; it discusses in detail the designing, building, setting-up and launching of thermal power stations and networks; it reviews the problems connected with the construction of hydroelectric power stations and the transmission of electric power over long distances; and it covers individual technical problems at various steps in the whole process. It has been published monthly since 1930 by the Ministry of Electric Power Stations. Price: \$10.50.

#### **ELEKTRICHESTVO (Electricity)**

Deals with the principal theoretical and practical problems connected with electrical engineering and the electrification program of the USSR. Published monthly by the Academy of Sciences and the Ministry of Electrical Power Stations, this journal first appeared in 1880. It is intended for scientific workers and engineers. Price: \$10.50.

#### **ELEKTROSVIAZ' (Electrical Communication)**

Published monthly by the Ministry of Communications of the USSR, this journal publishes articles on current scientific and engineering problems in communications, as well as reviews of foreign achievements in the same field. It is intended for communication engineers and students at technical schools. It first appeared in 1956. Price: \$8.50.

#### **ENERGETICHESKII BIULLETEN (Bulletin of the Power Industry)**

Reviews in detail the problems of operating diesel and steam turbine power stations and problems of the oil industry. It is intended for engineers, technicians and a broad circle of workers at electrical power stations and in the oil industry. It has been published monthly since September 1944 by the Ministry of the Oil Industry. Price: \$4.

#### **ENERGETIK (The Power Worker)**

Deals with the practical problems of the maintenance of power plants. It includes reviews of advanced techniques in electrical engineering, descriptions of the experiences and operations of the best electrical power stations and articles on the installation, operation and repair of boilers, turbines, pumps, high-pressure fittings, generators, transformers, etc. It is intended for a large audience of workers, including stokers, machinists, mechanics and electricians. It has been published monthly since June 1953 by the Ministry of Electric Power Stations. Price: \$2.50.

#### **ENERGOMASHINOSTROENIE (Power Machine Construction)**

Reviews the scientific, technical and technological aspects of the production of boiler units, steam and gas turbines, turbocompressors, steam engines, internal combustion engines, heat-exchanging and -condensing installations, gas generators, hydraulic turbines and pumps, as well as the problems connected with automatizing and operating power equipment. It is intended for engineers and technicians engaged in machine construction, for organizations engaged in machine design, for research establishments and for institutions of higher technical learning. It has been published monthly since October 1955 by the Ministry of Heavy Machine Building. Price: \$5.

#### **GIDROTEKHNIЧЕСКОЕ СТРОИТЕЛЬСТВО (Hydro-technical Construction)**

Publishes articles on hydrotechnical installations, dealing principally with problems of design and construction. It is intended principally for engineers and technicians. It has been published monthly since 1930 by the Ministry of Electrical Power Stations. Price: \$8.

#### **PROMYSHLENNAYA ENERGETIKA (Industrial Energetics)**

The express intention of this journal is to organize the interchange of experiences by industrial enterprises on the utilization of electrical and thermal power, in the interest of introducing new techniques and of promoting increased economy and reliability. The journal is divided into the following sections: exchanges of experience in the utilization of power; designing and mounting electrical installations; power utilization abroad; chronicle; factory engineer's guide; correspondence. It is intended for engineers and technicians. A monthly, it has been published since 1944 by the Ministry of Electrical Power Stations. Price: \$5.

#### **ТЕПЛОЭНЕРGETИКА (Heat-power Engineering)**

Prints articles on the main problems of theoretical heat engineering, on interesting

and important researches in heat engineering and on the principal, currently debatable questions in this field. It is intended for engineers, technicians and scientific workers at institutions of higher learning specializing in heat-power engineering. It has been published monthly since 1954 by three agencies: the Ministry of Electrical Power Stations, the Ministry of Heavy Machine Building and the Academy of Sciences. Price: \$10.

### **Geology, Geophysics, Mining**

AKADEMIIA NAUK SSSR, IZVESTIIA, SERIIA GEOFIZICHESKAIA (Bulletin of the Academy of Sciences of the USSR: Geophysical Series)

Publishes original scientific works on all aspects of geophysics and includes the following sections: physics of the earth's crust; physics of the atmosphere; physics of the sea; criticism; bibliography; news. It is intended for geophysicists. It was first published, as a bimonthly, in 1952; it has been a monthly since 1956. Price: \$16.

An English translation of this journal is published by the Pergamon Press, Inc. (\$25.)

AKADEMIIA NAUK SSSR, IZVESTIIA, SERIIA GEOLOGICHESKAIA (Bulletin of the Academy of Sciences of the USSR: Geological Series)

Reviews the achievements of Soviet scientists in stratigraphy, structural geology, lithology, petrography, mineralogy and the other geological sciences. It includes articles on specific problems in geology and is intended specifically for geologists. It was first published in 1936 as a bimonthly; it has been a monthly since 1956. Price: \$16. Each issue includes a contents table in English.

GAZOVAIA PROMYSHLENOST' (Gas Industry)

Reviews current techniques in the production and utilization of natural and artificial gas. Intended for geologists and engineers, it includes articles on both Soviet and foreign achievements in this field. It has been published monthly since 1956 by three agencies: the Ministry of the Gas Industry, Ministry of Communal Economy and the Scientific and Technological Society of the Electric Power Industry. Price: \$5.

GORNYI ZHURNAL (Journal of Mining)

Reviews regularly the following aspects of the mining industry: the state and development of mining science and engineering; the concentration of ores; the work of the mining enterprises of the ferrous and non-ferrous metals industry; the economy of production. It includes information on the introduction of new techniques in production, the mechanization and automation of technical processes at mines and factories, new equipment and types of apparatus, labor organization, and the

treatment of ores. It promotes discussions of current problems and techniques in mining and includes annotated bibliographies of Russian and foreign literature on mining. It is intended for engineers, technicians and scientific workers in the mining industry. A monthly, it has been published since 1825 and is the organ of the Ministry of Metallurgical Industry. Price: \$10.

MASTER UGLIA (The Coal Miner)

This is a journal of technology and production. Intended for a wide audience of workers in the coal-mining industry, it reviews the work and production achievements of individual miners, of mining teams, of individual pits and of whole mining sites. It includes articles on new techniques in mining, on mechanization of mining processes and on the life, culture and education of the Soviet miner. It is published monthly by the Ministry of the Coal Industry since 1952. Price: \$5.

NEFTIANIK (The Oilman)

Intended for oil specialists and large numbers of skilled workers, this journal publishes articles on the latest achievements of Soviet and foreign oil science and engineering and on the introduction of these achievements into the production process. It also includes materials on the life of oil enterprises, on the problems of raising labor productivity, reducing production costs, economizing on materials, etc. It has been published monthly since 1956 by the Ministry of the Oil Industry. Price: \$4.

NEFTIANOE KHOZIAISTVO (Oil Industry)

The express purpose of this journal is to popularize, for large numbers of workers in the oil industry and its allied branches, the achievements of the industry's leading enterprises. It reviews production and technical and economic problems and is divided into the following sections: economy; extracting; geology and prospecting; the chemistry and processing of oil and gas; oil and gas transportation and storage; exchange of advanced experience. It has been published monthly since 1920 by the Ministry of the Oil Industry (with the exception of the war years 1942-1944). Price: \$7.

STROITEL'STVO PREDPRIIATII NEFTIAINOI PROMYSHLENNOSTI (Building in the Oil Industry)

A production and technical journal intended for engineers and technicians, it reviews problems of economy and production in the oil industry. It publishes articles on the achievements of Soviet and foreign engineering and on their introduction into the construction of oilfields, refineries, pipelines, oil bases, etc. A monthly, it has been published by the Ministry of the Oil Industry since March 1956. Price: \$5.

#### **TORFIANAIA PROMYSHLENOST' (Peat Industry)**

Reviews the principal problems connected with mechanizing and improving the extracting, drying, loading and transporting of peat, constructing peat enterprises, etc. It is intended for engineers and technicians at peat enterprises and at plants which construct machines for peat-processing. Published eight times a year since 1924, it is an organ of the Ministry of Electric Power Stations. Price: \$3.50.

#### **UGOL' (Coal)**

A scientific and technical journal intended for engineers and technicians in the coal industry, it reviews the problems and techniques of mechanization and organization with a view toward the raising of labor productivity. It has been published monthly since 1925 by the Ministry of the Coal Industry. Price: \$8.50.

#### **ZAPISKI VSESOIUZNOGO MINERALOGICHESKOGO OBSHCHESTVA (Reports of the All-Union Mineralogical Society)**

A publication of the Academy of Sciences of the USSR, this journal prints the results of original researches by Soviet scientists in mineralogy, crystallography, petrography and metal ores. It reviews current literature on mineralogy and allied subjects. It has been published bimonthly since 1948. Price: \$10.50.

### **Chemistry**

#### **AKADEMIIA NAUK SSSR, IZVESTIIA, OTDELENIE KHIMICHESKIKH NAUK (Bulletin of the Academy of Sciences of the USSR: Division of Chemical Science)**

Prints original papers on new important theoretical and technical work in general, inorganic, organic, physical and analytical chemistry. It is intended for scientists, engineers, technicians and instructors at institutions of higher learning. A monthly, it has been published since 1936. Price: \$14.

It is also published in English translation by Consultants Bureau (\$160.).

#### **GEOKHIMIIA (Geochemistry)**

A publication of the Academy of Sciences, this journal prints the results of experimental and theoretical researches into all phases of geochemistry, as well as the chemistry of coke and crystals, where the latter touch on geochemical problems. Preference is given to researches into geochemistry conducted on a physico-chemical basis. The journal has been published eight times a year since 1956. It includes contents tables and summaries in English. Price: \$80.

#### **KHIMICHESKAIA NAUKA I PROMYSHLENNOST' (Chemical Science and Industry)**

Intended for chemical engineers, this journal reviews the state and prospects of all

branches of chemical science and industry in the USSR and abroad and prints specific articles on various fields of organic and inorganic chemistry, on the technology of dyes and on synthetic fibres, pharmaceutical preparations, products of heavy organic synthesis, mineral acids, salts, fertilizers, etc. A bimonthly, it has been published since 1956 by All-Union D. I. Mendeleev Chemical Society. Price: \$10.

An English translation is published by Consultants Bureau (\$150.).

#### **KHIMICHESKAIA PROMYSHLENNOST' (Chemical Industry)**

Intended for a wide circle of workers in the chemical and allied industries, this journal reports on the latest achievements of science and engineering in chemistry and reviews the economic and production problems of the industry itself. It is published eight times a year by the Ministry of Chemical Industry, and was founded in 1944. Price: \$7.

An English translation is published by Consultants Bureau (\$95.).

#### **KHIMIIA I TEKHOLOGIIA TEPLIVA (Chemistry and Technology of Fuel)**

Intended for engineers and technicians of the oil, coal, metallurgical, chemical and other industries, this journal reviews the latest advances in the research and technology of all fuels—solid, liquid and gaseous. Published monthly by the Ministry of Oil Industry, this journal was founded in 1956. Price: \$8.

#### **KOKS I KHIMIIA (Coke and Chemistry)**

Intended for a wide circle of workers in the coke and chemical industry, this journal reviews the newest techniques and improvements in the production process, in labor productivity and in labor conditions. Published eight times a year by the Ministry of Ferrous Metallurgy, it was revived in September 1955, after a 13 year lapse in publication (it was founded in September 1931, and was discontinued in 1942). Price: \$7.50.

#### **KOLLOIDNYI ZHURNAL (Journal of Colloids)**

A publication of the Academy of Sciences, this journal prints the results of original theoretical and experimental researches into general problems of the chemistry and physics of colloids and the dispersion systems. It is intended for scientific workers, teachers at institutions of higher learning, engineers and technicians. A bimonthly, it has been published since 1935. It includes summaries and contents tables in English. Price: \$8.

A full English translation is published by the Consultants Bureau (\$80.).

#### **USPEKHI KHIMII (Progress in Chemistry)**

A publication of the Academy of Sciences, this journal reports on the progress of theo-



retical and technological chemistry and publishes reviews of various chemical and other scientific fields. It is intended for scientific workers and teachers and students at institutions of higher learning. A monthly, it has been published since 1932. Price: \$10.50.

**ZAVODSKAIA LABORATORIIA (The Factory Laboratory)**

Intended for scientific and technological workers in all branches of industry, this journal reviews research methodology and laboratory techniques in the industrial system. It publishes works on new methods of chemical analysis of ores, metals, refractories, coals, gases, inorganic and organic chemical products, water, oils, and the latest methods of the mechanical testing of metals. It has been published monthly since 1932 by the Ministry of Metallurgical Industry. Price: \$13.50.

**ZHURNAL ANALITICHESKOI KHIMII (Journal of Analytical Chemistry)**

A publication of the Academy of Sciences, this journal prints original articles on experimental and theoretical work in analytical chemistry, on new chemical and physico-chemical methods in analytical chemistry and on the application of analytical chemistry in different spheres of metallurgy, geochemistry, biochemistry, etc. The journal includes summaries and contents tables in English. It has been published bimonthly since 1946. Price: \$8.

It is also published in full English translation by Consultants Bureau (\$80.).

**ZHURNAL FIZICHESKOI KHIMII (Journal of Physical Chemistry)**

A publication of the Academy of Sciences, this journal publishes original scientific papers on research in chemical thermodynamics, the kinetics of chemical reactions, catalysis, surface phenomena, theoretical electrochemistry, photochemistry, structure of matter and quantum chemistry. It is intended for scientists, engineers and technicians, and has been published monthly since 1930. Price: \$30.

**ZHURNAL NEORGANICHESKOI KHIMII (Journal of Inorganic Chemistry)**

A publication of the Academy of Sciences, this journal prints articles and brief reports on the results of research on the general and theoretical problems of inorganic chemistry, on the chemistry of simple and complex inorganic compounds, on the chemistry of rare and nonferrous elements, on various aspects of physico-chemical analysis, on radiochemistry and its applications, on the thermodynamics and crystallochemistry of inorganic compounds, on methodological problems of research in inorganic and radiochemistry. It

is intended for scientists, engineers, and chemists working in the various branches of inorganic chemistry and its allied fields. A monthly, it has been published since 1956. Price: \$30.

**ZHURNAL OBSHCHEI KHIMII (Journal of General Chemistry)**

A publication of the Academy of Sciences, this journal prints original experimental and theoretical papers by Soviet chemists on organic and inorganic chemistry and research into the properties of mineral and organic compounds. A monthly, this journal has been published since 1931. Price: \$30.

It is also published in English translation by Consultants Bureau (\$175.).

**ZHURNAL PRIKLADNOI KHIMII (Journal of Applied Chemistry)**

Intended for a wide circle of engineers and technicians, this publication of the Academy of Sciences contains original articles on the applied chemistry of silicates, the technology of fuel, production of salts, metallurgy, the basic chemical industry, mineral fertilizers, dyes, paper, plastics, rubber, leather, the flavoring, food, fats industries and other fields. A monthly, it has been published since 1928. Price: \$20.

The Consultants Bureau publishes an English translation (\$80.).

## Mathematics

**AKADEMIIA NAUK SSSR, IZVESTIIA, SERIIA MATEMATICHESKAIA (Bulletin of the Academy of Sciences of the USSR: Mathematical Series)**

Publishes papers on all branches of mathematics and its application and reviews the activities of the institutes of mathematics of the Academy of Sciences. It is a bimonthly, intended specifically for mathematicians, and has been published since 1937. Price: \$8.50.

**MATEMATICHESKII SBORNIK (Mathematical Symposium)**

A monthly publication of the Academy of Sciences and the Moscow Society of Mathematics, this journal prints especially important original works in all fields of mathematics. It is intended specifically for mathematicians. It has been published since 1866. Price: \$16.

**PRIKLADNAIA MATEMATIKA I MEKHANIKA (Applied Mathematics and Mechanics)**

A bimonthly publication of the Academy of Sciences, this journal includes original works on building mechanics, theoretical mechanics and aerohydrodynamics, as well as papers on applied mathematics. It is intended for scientific workers, engineers and teachers at institutions of higher learning, and has been published since 1933. Price: \$9.

**TEORIYA VEROIATNOSTEI I EEE PRIMENENIE** (The Theory of Probability and Its Application)

A quarterly publication of the Academy of Sciences, this journal publishes original articles on aspects of the theory of probability, mathematical statistics and their application to the tasks of statistical physics, mechanics and engineering. It includes summaries and contents tables in English, and has been published since 1956. Price: \$5.

**USPEKHI MATEMATICHESKIKH NAUK** (Progress in the Mathematical Sciences)

A publication of the Academy of Sciences and the Moscow Mathematics Society, this journal reviews the current state of theoretical and applied mathematics, the history of mathematics and the most important developments in the mathematical sciences of the USSR. It is intended for mathematicians, and has been published bimonthly since 1936. Price: \$10.50.

### **Metallurgy**

**FIZIKA METALLOV I METALLOVEDENIE** (Physics of Metals and Metallography)

A publication of the Academy of Sciences, this journal deals with the theoretical problems of the nature of solids and the reactions of metals and alloys in processing and utilization. It is intended for physicists working in the field of metallography and for the designers and assemblers of metal structures and machines. A bimonthly, it has been published since July 1955. Price: \$10.

**LITEINOYE PROIZVODSTVO** (Foundry Production)

Published by the Ministry of Machine Building, this journal reviews questions of foundry production and the experiences of factories and institutes engaged in improving the technology of casting details. Intended for engineers and technicians, it has been published monthly since November 1950. Price: \$5.

**METALLOVEDENIE I OBRABOTKA METALLOV** (Metals and the Treatment of Metals)

This journal reviews the scientific and technical problems of selecting metals for machines; the utilization of substitutes for rare or expensive metals; the introduction of new methods of treating metals with high pressure, temperature, or anti-corrosives; the application of the newest methods of surface strengthening; the study of the composition, structure and properties of metals. It is intended for engineers and technicians at metal-working enterprises, for workers at research institutes, for institutes of design and for institutions of higher learning. It has been published monthly since July 1955 by the Ministry of Heavy Industry. Price: \$6.

**METALLURG** (The Metallurgist)

A production and technical journal of the Ministry of Metallurgical Industry, this publication reviews new techniques, at Soviet and foreign factories, for improving output and quality. It publishes articles on new inventions and suggestions for improvement. The journal is divided into the following sections: blast furnace, steel-making, rolling and pipes, organization of production and economy, power and mechanical equipment. Published since 1956 as a monthly, it is intended for a wide circle of workers in the metallurgical industry. Price: \$3.50.

It is also published in English translation by Consultants Bureau (\$95.).

**STAL'** (Steel)

Reviews aspects and problems of the theory of metallurgy, coke production, the technology of blast furnace smelting and the construction of blast furnaces. It examines the detailed problems of steel smelting, and the rolling of ingots, workpieces and pipes. It devotes considerable attention to metallography and the thermal processing of metals. The journal is intended for engineers, technicians, foremen at metallurgical enterprises, workers at research and design institutes of the ferrous metals industry and instructors and students at higher technical and vocational schools. A monthly, it has been published since 1941 by Ministry of Metallurgical Industry. Price: \$8.

### **Physics**

**AKADEMIYA NAUK SSSR, IZVESTIYA, SERIYA FIZICHESKAYA** (Bulletin of the Academy of Sciences of the USSR: Physics Series)

Prints scientific reports on problems of physics as presented at general meetings of the Academy, at sessions of the Department of Physics and Mathematics, as well as at congresses, conferences and meetings organized by the Academy to discuss specific problems in physics. Published monthly since 1936, this journal is intended specifically for physicists. Price: \$16.

It is also published in English translation by Columbia Technical Translations, whose nominal subscription year runs from the third issue of one year through the second issue of the next (\$110.).

**AKADEMIYA NAUK SSSR, IZVESTIYA, OTDEL'ENIE TEKHNIKHESKIKH NAUK** (Bulletin of the Academy of Sciences of the USSR: Technology Section)

This monthly publication prints original researches on problems of mechanics, machinery, energetics, electrical engineering, electrical welding, radio engineering, automation and telemechanics, light and heat engineering, fuel, metallurgy and metallography, mining, building, hydraulic engineering and transport,

as well as the proceedings of scientific debates and meetings. It is intended for scientific workers and engineers in industry, and has been published since 1937. Price: \$20.

**AKUSTICHESKII ZHURNAL** (Journal of Acoustics)

A publication of the Department of Physics and Mathematics of the Academy of Sciences, this journal deals with the results of researches into the theoretical principles of acoustics, the perfection and production of electroacoustical apparatus, the improvement of the quality of electroacoustical transmission, the theory and practice of utilizing ultra-sounds, the improvement of acoustics in public buildings and dwellings, the use of acoustical equipment in large halls and anti-noise measures. Intended for scientific workers and specialists, this journal has been published quarterly since 1955. It includes contents tables in English. Price: \$4.

It is also published in full English translation by the American Institute of Physics, which began its translation in the first year of the journal's existence (1955). The translations are issued quarterly under the title *Soviet Physics—Acoustics* (\$20.).

**ATOMNAIA ENERGIYA** (Atomic Energy)

A publication of the Academy of Sciences, this journal prints original articles and reviews on the latest achievements, by Soviet and foreign science and engineering, in the peaceful uses of atomic energy. It deals specifically with the following: atomic physics; atomic power; atomic raw materials; the utilization of radioactive isotopes in industry, biology and medicine; protection against radiation. It is intended for a wide circle of scientists, engineers, and technicians. A bimonthly, it has been published since 1956. Price: \$10.50.

It is also published in English translation by three separate agencies: since 1956 by the Consultants Bureau under the title *The Soviet Journal of Atomic Energy* (\$75); by the Pergamon Press under the title *Articles From the Soviet Journal of Atomic Energy*, as a supplement to the *Journal of Nuclear Energy* (three volumes a year, \$20. per volume) and with the shorter articles omitted; and, since December 1956, by Associated Technical Services (\$70.).

**PRIBORY I TEKHNIKA EKSPERIMENTA** (The Instruments and Technique of Experimentation)

A publication of the Academy of Sciences, this journal prints original articles on problems of methodology in experimentation in the various fields of physics and deals with the construction of physical instruments, the technology of instrument-making and laboratory practice and formulae. It has been published bimonthly since 1957. Price: \$8.

**USPEKHI FIZICHESKIKH NAUK** (Progress in Physics)

A publication of the Academy of Sciences, this journal examines the present state of problems in physics and the allied sciences. It deals with the history of physics and its methodological problems and notes new books on physics. Intended for scientific workers, postgraduates and undergraduates, it has been published monthly since 1918. Price: \$13.

**ZHURNAL EKSPERIMENTAL'NOI I TEORETICHESKOI FIZIKI** (Journal of Experimental and Theoretical Physics)

A publication of the Academy of Sciences, this journal prints original articles on problems in experimental and theoretical physics. It is intended for physicists and for instructors, postgraduates and undergraduates at institutions of higher learning. It has been published monthly since 1931, but is actually a continuation of the physics section of the *Zhurnal Russkogo Fiziko-khimicheskogo Obshchestva*, which was published from 1873 to 1930. Price: \$24.

The journal includes summaries and contents tables in English. A full English translation has been published since 1955 by the American Institute of Physics under the title *Soviet Physics—JETP*. (\$60.)

**ZHURNAL TEKHNICHESKOI FIZIKI** (Journal of Technical Physics)

A publication of the Academy of Sciences, this journal prints original articles on all fields of technical physics and articles on the latest achievements in this sphere. It is intended for scientists, engineers and technicians, and has been published monthly since 1931. It includes contents tables in English. Price: \$24.50.

It has also been published in full English translation by the American Institute of Physics since 1956 under the title *Soviet Physics—Technical Physics*. (\$90.).

**Translation Publishers**

American Institute of Biological Sciences  
2000 P Street, N.W.  
Washington 25, D.C.  
American Institute of Physics, Inc.  
335 East 45 Street  
New York 17, New York  
Associated Technical Services  
P. O. Box 271  
East Orange, New Jersey  
Consultants Bureau  
227 West 17 Street  
New York 11, New York  
Columbia Technical Translations  
5 Vermont Avenue  
White Plains, New York  
Pergamon Press, Inc.  
122 East 55 Street  
New York 22, New York

# Formulating A Weeding Policy For Books In A Special Library

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Seldom does the inevitable growth of a special library carry with it adequate provision for additional floor space. At best, there is usually a considerable lag between the time when the

librarian realizes that more floor space is direly needed and the time when moving to expanded quarters actually occurs. Because of crowded conditions, shelf space is often at a premium. For this reason, a practice of periodic weeding of the book collection may well be considered a possible part-solution. The conclusions of the present paper reflect the experience gained when a weeding of the book collection at the main library, United Aircraft Corporation, was recently carried out.

## Functions And Aims Of Library Collections

Weeding, as the term is used here, may involve either a shifting of volumes from the main collection or reference collection to a historical collection or it may involve a complete discarding of volumes, in which case the possibilities of exchange (e.g., through the United States Book Exchange) or gift to another library should be investigated. In the case of the library at United Aircraft, there also remained the possibility of transferring works to one of the affiliated or branch libraries of the corporation. In cases where duplicates are weeded, only one copy of the title need be retained. Transferring a duplicate

to an affiliated or closely allied library for integration into its collection will not only strengthen that library's collection but also insures possible access for the donor library should an unforeseen demand recur.

In determining a policy for weeding, as with most library practices, it is first necessary to consider the library's total aims and objectives. In this connection, the functions of the various permanent and temporary collections should be stated explicitly in relation to these aims and objectives, and a definite, concrete policy for weeding defined.

Many libraries have several separate collections that are stored and handled somewhat differently. Often there is a circulating collection where the arrangement and inclusion take into consideration the browsing habits of readers. A reference collection usually is designed principally for the use of the reference librarian, but readers are likely to use reference works in this collection also.

Additionally, there may be a historical collection that will include less frequently consulted works which are likely to be of occasional historical, reference or circulation value. If a dry, accessible, separate storage area is available, this historical collection may well be stored there. Included in this collection would be books of permanent value which, because of date, lack of timeliness, treatment, form or condition, do not properly belong in one of the other two "live" collections. Of course, the historical and reference collections could logically and functionally be combined into one reference collection and kept on the open shelves near the reference section if

there is adequate space, and if this does not result in a less functional collection.

In regards to the specific functions of the various collections, the librarian should attempt to determine the degree of inclusiveness or selectivity deemed desirable and economically possible. The large, all-inclusive, wide-ranging research libraries represented in the United States by a few university, public and governmental libraries are, of course, the essential reservoirs upon which all libraries must depend from time to time. Most special libraries cannot afford to be so inclusive, except within very restricted subject areas. Many company libraries seek inclusiveness within very limited areas corresponding to their company's interest and are rather stringently selective within outlying areas.

As an aid in weeding, as well as for the purpose of continuity in the development of the book collection, every library, even the very small ones, would be wise to have a written book selection policy. The library may attempt to acquire and maintain all recent book publications within a well defined subject field, yet favor a policy of selective inclusion for older works. To implement these policies for the future, a continuing program of weeding must be provided.

#### General Weeding Principles

Aside from obtaining needed space, other advantages accrue from judicious weeding. The periodic weeding of a general collection where browsing is an important aspect will help in the maintenance of a live, up-to-date, usable collection. Browsing will be encouraged, since the reader will not have to wade through a mass of secondary works in order to find what he wants, which in most cases seems to be just one or two good works on the subject. Should a reader desire a more complete consideration of all works relating to his subject, including lesser known and historical works as well as those in the

reference and historical collections, a more economical approach than browsing would be that of consulting the card catalog, supplemented by searching other reference sources.

Duplicates of outstanding recent works should be retained just as long as the demand for them is heavy, then should be discarded. To retain deadwood in the open shelf collection will have an undesirable effect upon the interest and attitude of the reader, especially if he is unable to locate "live" alternatives quickly. It is better to have no work in an area of scientific research than to have only a second-rate one. This is especially true if the library has satisfactory interlibrary loan arrangements.

It has been said that weeding is merely book selection in reverse. It is certain that the same general principles apply for weeding as for book selection, but the fact that a library has circulated certain titles for several years also brings in at least one other factor: a particular title may have become a "familiar friend" or "first aid" of library users, and unless an alternate work (which will involve additional costs of purchasing and processing) is clearly superior or distinctive, the title possessed should certainly be favored.

It appears that the reasons for weeding titles are usually negative (lack of circulation, obsolescence, poor condition, untimeliness) while the reasons for selection tend to be positive (contribution of the work, relation to the collection, authoritativeness, reader appeal), but the negative reasons may actually be viewed as "opposite sides of the coins." These negative reasons are usually based more on actual experience in using and circulating the work than on preliminary judgments gained from book reviews or casual inspection.

*Prima facie*, a day-to-day weeding would seem to be more desirable than periodic weeding since the former will spread out the work and will help to assure that an up-to-date collection is maintained at all times. However, be-

cause of numerous day-to-day pressures, apparently most librarians prefer a periodic weeding project, e.g., on a three year basis. A periodic weeding project allows the librarian to consider all books of the collection in their relations to one another and to effect all disposal procedures at the same time. The librarian doing the periodic weeding project gains or renews an insight into the strengths and weaknesses of the book collection. Notes as to needed purchases can be made at this time. The person doing the weeding can also note copies needing mending, cleaning, re-binding, or replacement, and the disposition of worn out copies can be arranged. To be most effective, some libraries precede weeding with an inventory of the book collection.

#### Specific Considerations

To the experienced librarian, this may be rather obvious. What does not seem so obvious is whether the particular book in hand should be retained. Concerning classics in the various fields as well as very recent works, there is usually very little question. For other works, there are additional considerations, such as type of material, date, subject and past circulation, to be kept in mind after works have been evaluated in relation to the usual book selection criteria. Let it be said, before any panacea may be expected, that only hints as to method can be given. Sound professional judgment of any specific work will always be required.

As regards type of material, one needs to consider whether a work is primary or secondary source material, i.e., whether it represents a primary level reporting of research, conclusions or findings, or whether it is a summary or commentary upon these basic results. Since secondary source material is more likely to be superseded than primary source material, the latter would more generally be retained. Older primary source material would usually be re-

tained in the historical collection. In a technical library, secondary source materials such as elementary textbooks, general surveys and brief histories appear to be used primarily in instances where an engineer or scientist desires orientation in a subject that is relatively unfamiliar to him. To serve their essential functions these materials must be fairly up-to-date.

Considering the question of date, it is impossible to view the same copyright date in various works in different fields in the same way. Works in the pure sciences, in pure mathematics especially, become obsolescent much less rapidly than works in the applied sciences such as aeronautics, where techniques and methods change more quickly. Ideally each older work should be examined by a worker in the subject field, since he will be much more competent to judge the importance of recent developments and the extent to which they cast a shadow of obsolescence over the work in question. Even among the various branches of a field, for instance among the various branches of chemistry, there are often wide differences as to how old a work must ordinarily be to be considered obsolescent, due to more recent, important discoveries and developments. Most older textbooks, older popular works, and older, brief general works would appear to be non-essential for special library collections, unless an all-inclusive historical collection is the goal.

If one attempts to weed books concerned with subjects not of current interest to the organization served, difficulties are almost certain to ensue. If today one were to dispose of books relating to gasoline airplane engines in the United Aircraft Corporation Library, it is very likely that tomorrow there would be an important problem on precisely that subject. Still, the size of that part of the collection might well be reduced, and the materials that are retained relegated to the historical collection where they would be available.

The consideration of past circulation of the book should be a positive consideration, not a negative one. The fact that a book has not circulated during the past few years should not be held to its discredit to an appreciable degree, if the book does not suffer on other counts, since potential circulation value may still exist. And if a title has been frequently used during the past few years, it should probably be retained even though it has some defects, unless it can be replaced by a superior work which will fill the need adequately. If the work fills a need for the collection, either in terms of actual or potential use, it should be retained.

#### Suggested Weeding Rules

Before starting a weeding program, it would seem desirable for a library to draw up a set of rules for how specific types of materials, such as various types of serial publications, are to be handled. Since these rules should reflect the interests, needs and space conditions of the particular library, it seems unlikely that any one set of rules would be adequate for all libraries. The following rules were drawn up for weeding at the United Aircraft Library and should not necessarily be considered definitive for any other library:

1. In regard to continuations in the form of books where each issue is largely unique in subject content, usually if any of the volumes are worth being kept, the whole set should be retained. The question of which copies or editions should be retained in the main or reference collection and which should be placed in the historical collection must be settled uniquely for each publication.
2. Concerning an older edition of a series or a back issue of a standard reference work, if the individual issue contains important, unique information, then retain it either in the reference or historical collection. Only the latest copy of most directories, biographical diction-

aries and other reference works would be used frequently by readers or library staff, but the older editions are of sufficient value occasionally to warrant their retention. Therefore, for most series having reference value retain the most recent issue on the reference shelf, and place all other copies in the historical collection, where they will be accessible. Only if a demand for a back issue of a series currently exists should it be retained in the main collection.

3. If the various volumes of a statistical series contain essentially the same information except that later volumes include figures for later years, then keep the latest edition on the reference shelf, the next latest edition in the historical collection for possible circulation use or for use in case of misplacement of the other copy, and completely discard all remaining previous editions.

4. Usually completely discard all back issues of business and trade directories, since the information they contain is out of date and they have extremely infrequent circulation or reference value.

5. Keep the latest current biographical dictionaries and membership lists on the reference shelf. Frequency of consultation of back issues should determine whether these should be kept in the reference or historical collection.

6. Consider handbooks and subject matter reference books somewhat differently from other works. Although a new edition of a handbook may be put out each year, there may actually be little difference in the contents of the various volumes. An older edition of a standard work such as *Handbook of Chemistry and Physics*, will often serve the reader equally well. Retain as many older editions of such works in the main collection as will likely be checked out at any one time. Offer extra copies to branch or affiliated libraries.

7. The book selection policy of the library provides for duplication of titles for which there is a heavy demand. The person doing weeding should consider

### Sample Withdrawal Form

Call No.	Author's last name — first — middle		Title
	Edition	Copyright date	Agency or publisher
Considerations in recommendation for discarding  <input type="checkbox"/> deals with subject not of current interest <input type="checkbox"/> duplicate <input type="checkbox"/> not checked out during last 7 year period <input type="checkbox"/> obsolete or superseded material <input type="checkbox"/> poor physical condition of work <input type="checkbox"/> preferable works available in library			Recommend:  <input type="checkbox"/> discard <input type="checkbox"/> place in historical collection <input type="checkbox"/> send to branch library <input type="checkbox"/> _____
Comments			Route to:
			<div style="display: flex; justify-content: space-between;"> <span>Filled out by</span> <span>Reviewed by</span> </div>
Material Discard Form			

whether these duplicates should be retained in the light of more current demand, as evidenced by the circulation tendencies shown on the book cards of copies on the shelves and those in use. If the library has more copies than it needs currently, the duplicates should be offered to branch or affiliated libraries. There they will still be available for circulation if needed.

#### Withdrawal Procedures

Before the consideration of the individual books in the collection is begun, it may be desirable to print a supply of half page forms which can be completed as the books are withdrawn from the collections. This form can give pertinent information quickly to other librarians or subject specialists who examine the discards and also will prove useful when the shelf list and card catalog records are adjusted. A copy of such a form recently used at the United Aircraft Library is given above.

Before leaving the subject of weeding perhaps a note of reassurance should be given: There will be mistakes! Who is the librarian who has not been haunt-

ed by a ghost or two after he has weeded his collection? Still, librarians remain a hardy breed and will refuse to let an occasional mistake or embarrassment daunt them. The value of a weeding program for maintaining an up-to-date, functional collection that is well adapted to the special needs of the institution or group served should be the overriding consideration.

#### BIBLIOGRAPHY

McGAW, H. F. Policies and Practices in Discarding. *Library Trends*, January 1956, p. 269-82.

A well written, general survey article on the problem, with bibliography.

MUMFORD, L. QUINCY. Weeding Practices Vary. *Library Journal*, June 15, 1946, p. 895-8+.

An analytical approach to the problem of weeding in a public library.

RIDER, FREMONT. Past Attempts at Solution —“Weeding Out.” In his *The Scholar and the Future of the Research Library*. New York: Hadham Press, 1944, p. 40-50.

Considers weeding for large, all-inclusive research libraries. Advocates microcards instead of total discarding.

SHOEMAKER, R. J. Weeding and Other Space Saving Methods. *Special Libraries*, October 1956, p. 357-60.

Describes methods of weeding used in a newspaper library, especially in connection with clipping files.



# Planning The New Library: Pennsylvania Railroad Company

ELVA M. FERGUSON, Librarian, General Office Library  
Pennsylvania Railroad Company, Philadelphia

**S**INCE ITS FOUNDING 22 years ago, the General Office Library of The Pennsylvania Railroad Company in Philadelphia has been a busy and growingly useful place. Railroading is both a highly technological and a highly statistical business and is closely connected with the technology and statistics of many other businesses and of the economy generally. Thus, to earn its keep on our railroad, our library has to be a teeming storehouse of specifically useful information of many kinds, all of which must be easily and quickly available. These basic considerations are mentioned because they dictated many of the improvements made in the library when we moved into a new headquarters building about a year ago.

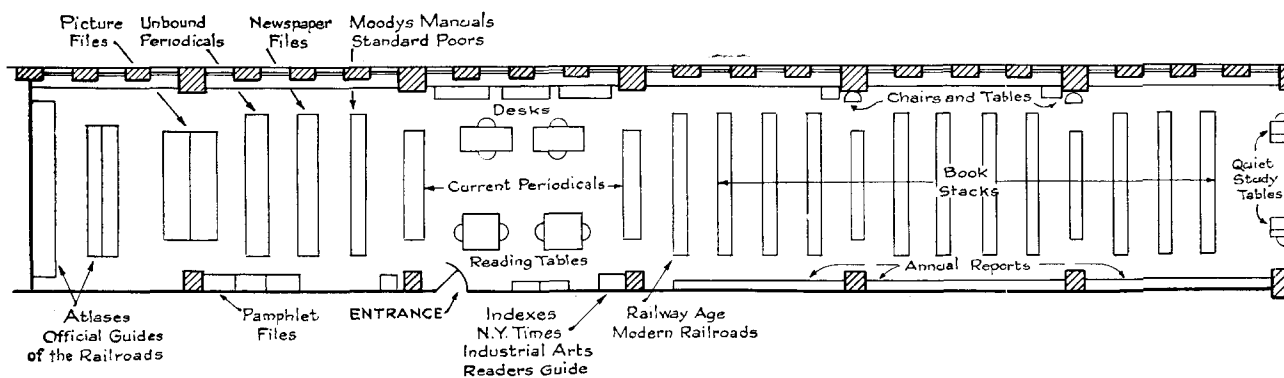
In the first place, the move from the old building gave us the opportunity to devise a set-up specifically tailored to our needs—present and future—as against trying to reshape a set-up in which for years we had “just grown.”

As the changes are mentioned, some will perhaps strike the male reader as having been made for the sake of giving a “feminine touch.” The fact is, however, that the very business-minded males who control the library’s destinies accepted these added refinements cheerfully—and so have the predominately male “customers.” Like the female staff, they probably recognize that a technological and statistical library does not necessarily have to have the grim look that has earned newspaper libraries the traditional name of “The Morgue.”

However, our first care in planning the new library space and how to utilize it was ease of use—ease for both clients and staff. To that end we had the entrance from the rest of the building open directly into the office, which in turn is in the exact middle of the library. The librarian and her assistant have twin office desks near the windows, which, incidentally, run the length of the library. Between the office desks

The librarians’ desks, study tables, card catalogs, periodicals and indexes are located in the central area of the Pennsylvania Railroad Company’s General Office Library.





and the windows stand credenzas for reference books frequently used for answering telephone questions, with drawers for files needed to work at the desks. Each desk of course has a telephone, and there are telephones at each end of the library, with intercom connections with the desk phones. The amount of time and steps these arrangements save in a day may be easily imagined.

Within the office space are twin tables for reader use and comfortable walnut chairs with coral upholstery. Also in this space is a carrell holding the indexes, in a place where they are easily accessible. The central area is framed on each side by periodical stacks, which are a combination display and storage shelving. They have slanted shelves for current issues which roll back into a horizontal position to give access to back files. These have proved a most satisfactory way of exhibiting and storing periodicals.

Behind each of the two periodical stacks come the rows of traditional stacks. Those to the right of the entrance are for books; those to the left are for unbound magazines and newspapers. In the old building the stacks extended to the wall at one end; now we have aisles at both ends and find it more convenient. There is a full three feet between stacks, allowing free truck

passage, plenty of room to handle the larger books and space to wheel a table to the shelf where one wants to work. There are also carrells at the extreme ends of the library for clients who prefer isolation and quiet.

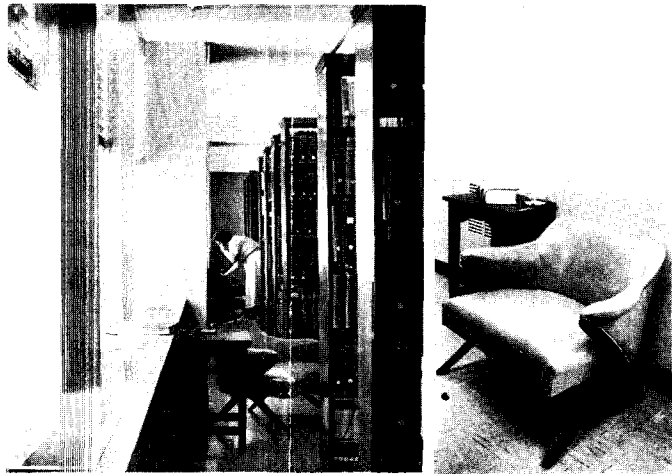
Incidentally, many patrons find reason to work at their own desks in their own offices most of the time. This limits the need for library study space. So far we have found that seating space for five in the office section, two in the stacks and two at the isolated study carrells are sufficient.

Aside from giving us a chance to arrange things more efficiently and comfortably, the move to new quarters enabled us to provide for future growth. We did this by increasing our shelf space by one third. We feel that this, combined with a selective discarding of older books as new ones come in, provides amply for shelf space needs for the foreseeable future.

At this point it is worth mentioning two hazards to the library's efficiency and comfort, both of which we were able to avoid. In the first planning of the new building, the library was assigned interior space, without windows. That would, we felt, produce the very

The periodical rack both displays current journals attractively and provides storage space behind swinging shelves.





Comfortable chairs and tables for note-taking are located among the book stacks.

Note extension telephone at far end of stack area.

morgue-like look we wanted to avoid; and upon further consideration of the plans this was changed so that the library finally was assigned space with windows. Another hazard was having a mail chute and an intake to it located in the library. On the surface that may not sound important, but the fact is that a railroad like ours sends out many thousands of letters a day and having a depository in the library would have produced endless non-library traffic.

One change from the old building that we accepted with some misgivings proved to be an agreeable addition. This was piped-in music, which comes in at half-hour intervals during the day. We had some fear at first that this would be a nuisance, but both staff and patrons find it both unobtrusive and pleasant. Another change, which came automatically with the new building, we never had any doubts about—recessed lights in the ceiling, as against old-fashioned hanging lights.

Not the least of the opportunities presented by the move to the new building was the chance to create for ourselves a modern and tasteful color scheme. For our walls we chose a light green and a light gray that blend pleasantly. Our floor is an attractive tan and our ceiling a light gray. For our new furniture we chose walnut and green, with coral upholstery. A further step was refinishing the old equipment retained in the same walnut as the

chairs and tables—thus getting away from the traditional railroad oak. Our stacks are a restful and attractive light green. The brilliant and varied colors of the magazines on display and the living green of a few tastefully-placed plants add pleasant finishing touches.

Our “new look,” we find, has stimulated business, bringing a significant increase in library use. While our aim has not been to provide our research-minded colleagues with a home away from home, we find it rewarding that more of them now choose to work in the library than in their own offices. Also management has come to look on us as a sort of showplace; most visiting dignitaries are shown through the new library. Fortunately we were able to achieve all this with comparatively little expenditure of money.

A final word about our library's contents—which after all is its reason for being. As originally developed in 1936, the library's chief focus was historical. Soon thereafter, however, interest in current and statistical information developed. Today the materials needed by the research staff in each department are emphasized—government and technological publications, collections of economic data and so on. However, we are still able to do pretty well by authors, railroad historians and rail fans who have an interest in the past. We have, for instance, one of the most complete sets of Railroad Guides, running from 1850 to the present. We have a railroad periodical that goes back to 1832 and two that were first published in 1870. These and some other less dramatic storehouses of historical information help us answer a surprising number of questions about the past of our railroad and of the industry.

Thus we are what so many corporation libraries are today—an amalgam of the technical and of the humanly interesting. The growing use of our services—especially since the move into our new home—seems to indicate we are on the right track.

# Convention Speakers

To implement the Convention theme of "Working Smarter," four distinguished speakers—a businessman, a psychologist, a librarian and an academic man—will discuss the subject of creativity from their points-of-view at the two **General Sessions** and at the **Banquet**.

**James C. Worthy**, vice-president in charge of public relations, Sears, Roebuck and Company, and president, The Sears-Roebuck Foundation, will present the **KEYNOTE ADDRESS** at the first general session, June 9. Mr. Worthy has been associated with Sears, Roebuck and Company since 1938, except for a two-year period (1953-55) when he served as Assistant Secretary of Commerce in Washington. He is active in political and civic affairs and is currently an officer of the Chicago Association of Commerce, the United Republican Fund of Illinois, the Chicago Urban League and the Library of International Relations.



*miller of washington*



**Dr. Robert F. Medina**, research psychologist, J. Walter Thompson Company, will talk about "Self-Awareness and the Creative Process" at the **SECOND GENERAL SESSION**. He was formerly a psychologist for hospitals in Honolulu, Hawaii, and in Willmar, Minnesota, a group worker in a Chicago settlement house, an instructor in psychology to both nurses and social workers and a consultant to industry and psychiatrists. In addition to his duties at J. Walter Thompson, Dr. Medina also teaches counseling and psychotherapy at Loyola University and is senior associate of the Chicago Psychological Institute.

**Herman H. Henkle**, librarian, The John Crerar Library, will discuss "Creativity and You" at the **SECOND GENERAL SESSION** on **JUNE 10**. Mr. Henkle is well known in SLA as a past president (1945-46) and Executive Board member. Currently he is president of the American Documentation Institute. His library experience includes positions at the University of California Libraries and the Library of Congress. He has taught at the University of Illinois Library School, was director of the School of Library Science at Simmons College and since 1950 has lectured at the Graduate Library School, University of Chicago.



**Dr. Philip M. Hauser's** activities in most European and South American countries and in much of South and Southeastern Asia make him well qualified to deliver the **BANQUET** speech on **WEDNESDAY EVENING** on "Creativity—Here and There." At the University of Chicago he is professor and chairman of the Department of Sociology and director of the Population Research and Training Center and Chicago Community Inventory. Interesting previous posts were statistical adviser to the government of the Union of Burma, deputy director, U.S. Bureau of the Census and U.S. Representative to the United Nations Population Commission.

## Division Speakers



**Morris C. Leikind**, medical historian and archivist, Armed Forces Institute of Pathology, will speak at the BIOLOGICAL SCIENCES DIVISION DINNER on JUNE 9. He will discuss "The Army Medical Museum and the Armed Forces Institute of Pathology and Their Contributions to the Development of American Medicine." He has taught the history of biology and the history of medicine and medical research at the U. S. Department of Agriculture Graduate School. Mr. Leikind has been an officer of the Washington, D.C. History of Science Club, the Committee on History of Science of the Washington Academy of Sciences and the Biological Sciences Group of the Washington Chapter of SLA.

The BUSINESS DIVISION will hold a panel on JUNE 12 devoted to "Organizational Performance Evaluation." The following two speakers will discuss the subject.

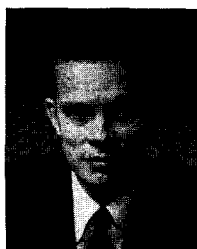
**Dr. Leon Carnovsky** has been a professor of library science at the University of Chicago Graduate Library School since 1944. He has contributed many articles to professional journals and is the author or co-author of numerous books. He has conducted or contributed to surveys of the Michigan State Library and the public libraries of Cleveland, Chicago and Los Angeles. Recently Dr. Carnovsky completed a report on education for librarianship in the Pacific Northwest Library Association.

**Paul Wasserman** began his work at Brooklyn Public Library in 1948 and advanced to chief of the Science and Industry Division by 1951. In 1953 he went to Cornell University where he now serves as librarian and assistant professor of the School of Business and Public Administration. He has contributed widely to professional and other periodicals and made a valuable contribution to sources with *Information for Administrators: A Guide to Publications and Services for Management in Business and Government*.



**Thomas H. Coulter**, chief executive officer of the Chicago Association of Commerce and Industry, will speak about "The St. Lawrence Seaway" at the JOINT DINNER OF THE ADVERTISING, BUSINESS, FINANCIAL, INSURANCE, MUSEUM, NEWSPAPER, PUBLISHING AND TRANSPORTATION DIVISIONS on JUNE 9. For four years, Mr. Coulter has coordinated

the civic efforts of ten thousand Chicago business executives and professional men. He has a background in business as an executive and a management consultant, has traveled extensively, has operated plants in Australia and the Far East and has a basic understanding of the problems of world trade. He is a director of the American Red Cross Chicago Chapter, the Chicago Crime Commission and the Economic Club and recently was a member of a management seminar team sent to the Middle East under the sponsorship of the International Cooperation Administration.



*Fabian Bachrach*

**Dr. Gilbert F. White**, head of the Department of Geography, University of Chicago, will discuss "Maps in Liberal Education" at the GEOGRAPHY AND MAP DIVISION on JUNE 10. Before coming to Chicago, Dr. White was for ten years the President of Haverford College. He has served as a member of the following groups dealing with natural resources problems: Task Force on Natural Resources Policy Commission; The Advisory Committee on Arid Zone Research, UNESCO; Panel on River Basin Development, United Nations.

**Rebecca L. Taggart**, aeronautical engineering librarian, School of Aeronautical Engineering, Purdue University, will give "Glimpses of Libraries and Librarians Abroad" at the METALS DIVISION LUNCHEON on JUNE 10. During 1955-1956 Miss Taggart received a Fulbright grant to study the organization of special libraries in Scandinavia and European technical literature. Six months were spent at the Norwegian Institute of Technology in Trondheim and three months in Oslo. With the aid of a Kappa Kappa Gamma Foreign Study Grant, she spent the summer months visiting special libraries in Sweden, England and the Netherlands.



**Arthur C. Studt**, manager of Communications, Employee and Community Activities for Hotpoint Company, Chicago, will present "A Brainstorming Demonstration" to the METALS DIVISION on JUNE 12. Mr. Studt attended Northwestern University and for 12 years was an instructor at the Sales Analysis Institute. During his eight years with the Hotpoint Company, he has written courses in

work simplification, semantics, delegating responsibility, communications and other aspects of human and industrial relations. Mr. Studt has conducted creative thinking seminars at Marquette University, Notre Dame University and many organizations throughout the Middle West, and he has also contributed articles on the subject to various trade publications.

**Leonard Glueck**, president of Micro Photo, Inc. of Cleveland, will talk before the NEWSPAPER DIVISION on JUNE 12 on "Recent Developments in the Microfilming of Newspaper Clippings." Mr. Glueck has been associated with microfilm since 1938 when he was a systems specialist in the office equipment field and the possibilities of this medium first appealed to him. In 1945, with Samuel Freedman, his associate, he formed Micro Photo, Inc., a firm specializing in newspaper microfilming. He has been active in the National Microfilm Association and served on the Board of Directors and on committees.

Two Chicago writers will address the ADVERTISING, MUSEUM, NEWSPAPER, PICTURE AND PUBLISHING DIVISIONS at the BOOK-AUTHOR LUNCHEON on JUNE 12:



Mickey Pallas

As an actor, he performed with Chester Morris in the National Company of Sidney Kingsley's drama, "Detective Story." As star of the award TV series, "Studs' Place," he was considered, along with Dave Garroway, as a pioneer of the Chicago Style.

**Studs Terkel** is the author of *Giants of Jazz*, an anthology of 12 profiles, especially designed for young people. For five years he was the jazz critic and columnist of the *Chicago Sun-Times*. As an instructor, he taught the history of jazz at the University of Chicago. As



**Emmett Dedmon** was recently appointed managing editor of the *Chicago Sun-Times*. At 39 Mr. Dedmon brings to his new post wide experience in Chicago newspaper work. His association with the *Sun-Times* began in 1940, and he moved up to

his new job from assistant managing editor. Mr. Dedmon is also widely known as an author of books. A novel, *Duty to Live*, (1946) grew out of his war experiences. His history of Chicago titled *Fabulous Chicago*, (1953) became a national best-seller. His most recent work is *Great Enterprises*, a 100-year history of YMCA activities in the Chicago area.

A panel of four experts will discuss "The United States Military Security Program" before the MILITARY LIBRARIANS and SCIENCE-TECHNOLOGY DIVISIONS on JUNE 9:

**Dr. Hoylande D. Young**, director of technical information at Argonne National Laboratory, will discuss "A Scientist Looks at the Security Program." Dr. Young's work at Argonne includes responsibility for the library and for the laboratory's technical and scientific reports. He has been general editor of Division IV of the National Nuclear Energy Series and a member of the AEC's Technical Information Panel.

**Captain Stephen E. Jones**, U.S.N.R., will cover "Why the United States Needs a Military Security Program." Captain Jones is commanding officer of the Security Unit, Potomac River Naval Command, and has been associated with security work for many years in the Navy.

**Gordon Patton**, office of industrial security, Provost Marshall, U.S. Air Force, will talk about "The United States Military Personnel Security Program." Mr. Patton was formerly with the Security Division, Office of Naval Intelligence.

**John J. Clopine**, chairman of the Military Librarians Division and now chief of the Reference and Circulation Section, U.S. Department of Health, Education and Welfare, will speak on "Handling and Control of Classified Documents." Mr. Clopine was formerly associate professor of intelligence research and analysis and chief, Academic Services, U.S. Naval Intelligence School.

On Thursday, JUNE 12, the SCIENCE-TECHNOLOGY DIVISION will spend all day investigating "Liaison Obligations as a Library Function." Eight outstanding speakers will present papers:

**E. L. D'Ouille** and **J. W. Mohlman**, both of the Research Department, Standard Oil Company (Indiana) will discuss "Dynamic Information Needs Reshape the Library Function."



Mr. D'Ouille is divisional director of research and senior technologist for Standard Oil. From 1944 to date he has managed technical information and patents aspects of petroleum and petrochemicals and authored over 50 patents and publications. He

is currently chairman of the Industrial and Engineering Chemistry Division of the American Chemical Society.

Mr. Mohlman is head of information research at Standard Oil. Here he has worked in process design, manufacturing, chemical market research, and patents and technical information.

**Mrs. Ann Wennerberg**, acting supervisor, Literature Research Section, Armour Research Foundation, Illinois Institute of Technology, will cover "Liaison Between Information and Library Research Groups." Mrs. Wennerberg has done graduate work in chemistry and has taught chemistry and physical science at the college level. She spent five years as a literature chemist at Armour Research Foundation.



**Leonore Rogalski**, librarian, Universal Oil Products Company, will discuss "Technical Information Activities of a Petroleum Research Library." Before acquiring her present position, Miss Rogalski was librarian at International Minerals and Chemical Corporation, Skokie, Illinois.

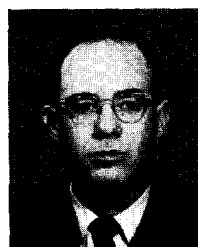
**Attorney John H. Schneider**, head, Patent and Trade Mark Department, Abbott Laboratories, will present a paper on "Indexing and Utilization of Patents." Mr. Schneider was formerly senior patent attorney with the Monsanto Chemical Company, St. Louis, Missouri; director of patents for Behr-Manning Corporation, Troy, New York; and a patent lawyer in private practice with Koenig and Pope, St. Louis. He was admitted to the Missouri bar in 1942 and the New York bar in 1950.

**Ralph E. O'Dette**, program director for Foreign Science Information, National Science Foundation, will speak about "Russian Technological Information." He has worked for the Atomic Power Division of Westinghouse Electric Corporation as staff assistant to the division manager and as supervisor of technical information and has also held positions with the United Nations Korean Reconstruction Agency, the National Bureau of Standards and Standard Oil Company (New Jersey).

**Mrs. Margaret C. Kolb** will contribute "Organization and Retrieval of Research Reports" to this symposium. Mrs. Kolb is supervisor of research records for the Merck-Sharp & Dohme Research Laboratories in Rahway, New Jersey. A graduate of Columbia University School of Library Service, she also holds a chemistry degree.

**Dorothy Gates**, editor and librarian, Research Laboratory, Marathon Corporation, will discuss "The Dirty Face of Duty." Miss Gates has held editing positions with the Institute of Paper Chemistry, the QMC Subsistence and Development Laboratory and International Harvester.

**Dr. Bernard S. Berelson**, professor of behavioral sciences, School of Business, University of Chicago, will address the SOCIAL SCIENCE DIVISION on "Leading Contributions in the Behavioral Sciences" at a LUNCHEON on JUNE 10. Dr. Berelson is a former librarian and was at one time dean of the Graduate Library School of the University of Chicago. He was director of the Behavioral Sciences Program of the Ford Foundation from 1951-1957.



**Norton S. Ginsburg** will talk on "New Orientations in South East Asia" at the meeting of the INTERNATIONAL RELATIONS SECTION, SOCIAL SCIENCE DIVISION on JUNE 12. Mr. Ginsburg recently returned to his position as associate professor of geography and member, International Relations Committee, University of Chicago, from Bangkok where he gave a paper at the Ninth Pacific Science Conference. Mr. Ginsburg has spent a great deal of time in South East Asia and has published many articles and studies on the area. Recent books are *Malaya* (with C. F. Roberts, Jr.) and *The Pattern of Asia*.

#### SLA NOMINATING COMMITTEE

The appointment by Mrs. Margaret H. Fuller, First Vice-President and President-Elect, of the following members of the Nominating Committee to prepare the slate for the 1959 election, was approved by the Executive Board:

EUGENE B. JACKSON, *Michigan Chapter*  
 DR. ELSE L. SCHULZE, *Cincinnati Chapter*  
 SHERRY TAYLOR, *Southern California Chapter*  
 MRS. ELIZABETH USHER, *New York Chapter*  
 MRS. MIRIAM M. LANDUYT, *Chairman, Illinois Chapter*

Prospective names, with reasons for their selection, should be mailed as soon as possible to the chairman, Mrs. Miriam M. Landuyt, Research Librarian, Caterpillar Tractor Co., Peoria, Illinois. In accordance with By-Law IX of the SLA Constitution, the Nominating Committee must present the 1959 slate to the SLA Executive Board by November 15, 1958.

Two candidates are nominated for each office. These include: President-Elect (First Vice-President), Second Vice-President, and two Directors for three-year terms each.

# Division Highlights

At least two Divisions are beginning to see tangible results of much work: the PICTURE Division hopes the *Directory of Sources of Still Pictures* will be published soon and the GEOGRAPHY AND MAP Division has a preliminary edition of *Cartographic Research Guide* circulating for comments. Other projects which may become Association publications are: an annotated list of reference books, services and periodicals used as information tools in advertising and related fields, prepared by the ADVERTISING Division; the BUSINESS Division revision of *Price Sources*, originally published by the U. S. Department of Commerce; a combination guide to metallurgical literature and revision of Richard Rimbach's *How to Find Metallurgical Information* is in progress by the METALS Division.

The MILITARY LIBRARIANS have published the fourteenth in their bibliographic series, are continuing the microfilming of military journals and have added projects on cooperative indexing for the Air University Periodical Index and multi-lingual indexing of selected Canadian military journals. This same Division is contemplating the preparation of a dictionary of military terms.

The FINANCIAL Division has asked the Committee for Economic Development for cooperation in the preparation of a new bibliography on industrial development. Both the BIOLOGICAL SCIENCES and the MILITARY LIBRARIANS Divisions report much progress made on membership directories.

In September 1957, the duplicate exchange program of the SCIENCE-TECHNOLOGY Division was started with 61 participating members and since then five new organizations have applied for membership. The Committee on Map Use of the GEOGRAPHY AND MAP Division is trying to carry out the recommendations accepted at the last annual meeting: the preparation of a traveling exhibit, of articles on the use of maps for publication in a variety of magazines and of lecture kits for use by Geography and Map Groups. This same Division launched a membership drive in February and 150 packets, including a sample of the Division's bulletin, were prepared.

The annual Fall Meeting of the METALS Division was held in Chicago, November 6-8, and was the outstanding success we have come to expect. The MILITARY LIBRARIANS held their first workshop at the Air University, October 21-23, with 45 military librarians attending. Its purpose was to bring together military librarians to discuss topics of mutual concern and to explore several areas of cooperative planning within the military framework. Two participating libraries extended invitations for another workshop.

Many Divisions increase the effectiveness of their bulletins by the addition of special features. A two-part bibliography on business forecasting is being published in the BUSINESS Division bulletin. Recent issues of the FINANCIAL Division bulletin contained a list of additions to *Commercial, Financial and Information Services*. The complete proceedings of the MILITARY LIBRARIANS Workshop were published in the Division bulletin. An annotated bibliography of recent pictorial publications appears in *Picturescope*. Each issue of the GEOGRAPHY AND MAP Division's bulletin has been devoted to a theme, such as the Bible and Near East Geography. A new feature, Science-Technology Serials, has been added to *Sci-Tech News*. The other SCIENCE-TECHNOLOGY serial publication, *Scientific Meetings*, will include a chronological as well as an alphabetical list of meetings. *What's New In Advertising and Marketing*, the ADVERTISING Division's subscription bulletin, will complete 13 successful years of publication in June. This achievement as well as the many other activities can thrive only with the enthusiasm of the Divisions' memberships.

LORRAINE CIBOCH, Division Liaison Officer



# SPECIAL LIBRARIES ASSOCIATION—CONVENTION PROGRAM CHART

## Chicago, Illinois, June 8-12, 1958

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SPECIAL LIBRARIES

	BREAKFAST	MORNING	LUNCHEON	AFTERNOON	DINNER	EVENING
<b>SUNDAY JUNE 8</b>		Executive Board Meeting		Executive Board Meeting Exhibits open First Conventioneers' Cock- tail Party		Advisory Council Meeting Publishing: Open House Welcome to Chicago Party
<b>MONDAY JUNE 9</b>	Financial	OFFICIAL OPENING OF THE CONVENTION General Session	Insurance Metals	Documentation Metals: Tour Newspaper: Tour Picture: Tour Science-Technology Petroleum: Tour Joint Meetings: Biological Sciences and Hospital; Military Librarians and Science-Technology Joint Tours: Advertising, Business, Financial, In- surance, Publishing, So- cial Sciences and Trans- portation; Geography and Map and Museum	Biological Sciences Geography and Map Science-Technology Chemistry Social Science Public Adminis- tration Joint Dinner: Advertising, Busi- ness, Financial, Insurance, Muse- um, Newspap- er, Publishing and Transporta- tion	CHAPTER CONSULTANT OFFICERS Geography and Map: Tour Metals: Open House Military Librarians: In- formal Get-Together Picture Science-Technology Paper and Textiles Science-Technology: Open House Social Sciences Industrial Relations Public Administra- tion: Tour
<b>TUESDAY JUNE 10</b>	BULLETIN EDITORS EMPLOYMENT CHAIR- MEN Picture Publishing Science-Technology Paper and Textiles Social Sciences Public Adminis- tration Industrial Relations International Rela- tions	General Session	Biological Sciences Financial Geography and Map Hospital Insurance Metals Museum Science-Technology Engineering Pharmaceutical Public Utilities Social Sciences Transportation Joint Luncheon: Advertising, Picture and Publishing	Business Documentation Financial: Tour Geography and Map: Tour Insurance Military Librarians Museum: Tour Newspaper Science-Technology Joint Receptions: Advertis- ing, Business, Financial Geography & Map, Mil- itary Librarians, Museum, Newspaper, Picture, Pub- lishing, Social Sciences, Transportation	Executive Board and Advisory Council (Closed) Past SLA Presidents	Executive Board and Advisory Council Open Meeting
<b>WEDNESDAY JUNE 11</b>	Advertising	Annual Business Meeting		Annual Business Meeting Cocktail Parties: Con- vention-Wide Dutch Treat; Biological Sciences; Fi- nancial; Transportation	BANQUET	
<b>THURSDAY JUNE 12</b>	SCHOOL FOR INCOM- ING CHAPTER OF- FICERS SCHOOL FOR INCOM- ING DIVISION OF- FICERS (8:00-9:00 a. m.; not breakfast)	Advertising Business Documentation Hospital: Tour Newspaper Science-Technology Transportation: Tour Joint Meetings: Finan- cial, Insurance, Met- als, Museum and Publishing; Biological Sciences and Mil- itary Librarians; Ge- ography & Map and Social Sciences	Business Financial Hospital Insurance Joint Luncheon: Advertising, Museum, Newspaper, Picture and Publishing	Documentation Hospital: Tour Insurance: Tour Metals Museum: Tour Newspaper Science-Technology Social Sciences International Relations Joint Meeting: Advertising, Business, Financial and Publishing	Science-Technology, Advisory Council	

## *Recruitment Roundup*

Many SLA Chapters have carried on active recruiting programs this year. The following reports by Chapter Recruitment Committee Chairmen on the successful methods they have developed may serve to stimulate other Chapters to initiate similar projects.

This year the **Alabama Chapter** Recruitment Committee decided to concentrate its activities in the direction of high school library student assistants clubs. Letters were sent to the high school librarian in each district who sponsors the meetings of these groups for the current year. These letters requested a schedule of meetings and other pertinent information. To date four of the eight districts have had meetings and have requested a speaker and/or material from the Chapter. One district meeting was held at the University of Alabama where the librarian from the business library talked to the group after they toured the university. During this year a group of high school students visited the research library at Chemstrand Corporation in Decatur, and a library club of 35 from Tarrant High School visited the technical library at Redstone Arsenal in Huntsville. Members of the Recruitment Committee and other members of the Chapter have spoken to library clubs at high schools in the Birmingham and Montgomery areas. Other members have been doing "personal contact" recruitment very successfully.

MAURINE HUGHES

In the **Cincinnati Chapter**, we have been trying to interest high school students in library careers. Letters were sent out requesting time to present and promote special libraries as part of planned career programs. At first we tried to include the colleges in this program, but although two colleges would permit discussions on special libraries, neither college had courses in librarianship. In high schools we participated in three

programs and have two more in the near future. For the most part these programs are panel-type discussions—we present careers in special libraries, show pictures of working libraries and then have a question and answer period afterward. As a member of the Hospital Division, I have taken part in two health programs showing how my library helps doctors and nurses to give better patient care through research. I feel that these contributed to the recruitment of special librarians, as they were state-wide programs. Through the efforts of the Cincinnati Chapter, the University of Cincinnati has offered this past semester courses in library training. These have been offered in the evening division and although they will not help in obtaining a degree in library science, they have helped alleviate the employment situation in our area. We hope in the near future to persuade a college in this area to offer a degree program in library science.

ELVA ROCHE

The **Cleveland Chapter**, inaugurating a long-range recruitment program aimed primarily at high school students, took the first step by writing a letter to vocational guidance directors of 20 boards of education in the Cleveland area. This letter described special librarianship briefly and offered speakers who will make a presentation to students on the opportunities in the profession. A similar letter was sent to eight colleges in northeastern Ohio. A pictorial presentation describing special librarianship, coordinated with a short talk arranged so that any member of the Association can give it, were prepared in anticipation of

responses from these letters. The visual presentation consists of a series of large, chart-size pictures in colored cartoon form, with accompanying script. The humorous angle should help us catch the attention of many young people, but the difficulty seems to be in getting appointments to show it. Plans are being made for members of the Cleveland Chapter to sponsor library school students from both Western Reserve and Kent who evince any interest in special librarianship. These sponsors will act as hosts to the students at SLA meetings and offer informal advice and help when needed by the students.

MARY EVALYN CROOKSTON

The Recruitment Committee of the **Georgia Chapter** prepared a traveling exhibit to be shown at all Georgia senior colleges. It is entitled "Put Yourself In The Picture" and it consists of two hinged panels approximately two by three feet. One panel contains pictures of typical library situations, with one figure in each picture blacked out. The other panel shows pictures of several of the outstanding special libraries in Georgia, identified by company or organization. A group of pamphlets is sent to each college showing the panel. These are for exhibit and later to be incorporated into the vertical file of the college library. Students who are interested in having personal copies of the pamphlets or other information pertinent to librarianship as a career return postcards to us with their requests. Thus we do not throw away expensive pamphlets and we hope, in time, to build a recruitment list for follow-up purposes. The exhibit was completed during the fall and has now been shown at Emory University, Georgia State College and Oglethorpe University. This project is being carried out as a pilot project for the Association Recruitment Committee, and the cost has been underwritten by this Committee. In addition to promoting the exhibit, the Committee Chairman has given three talks:

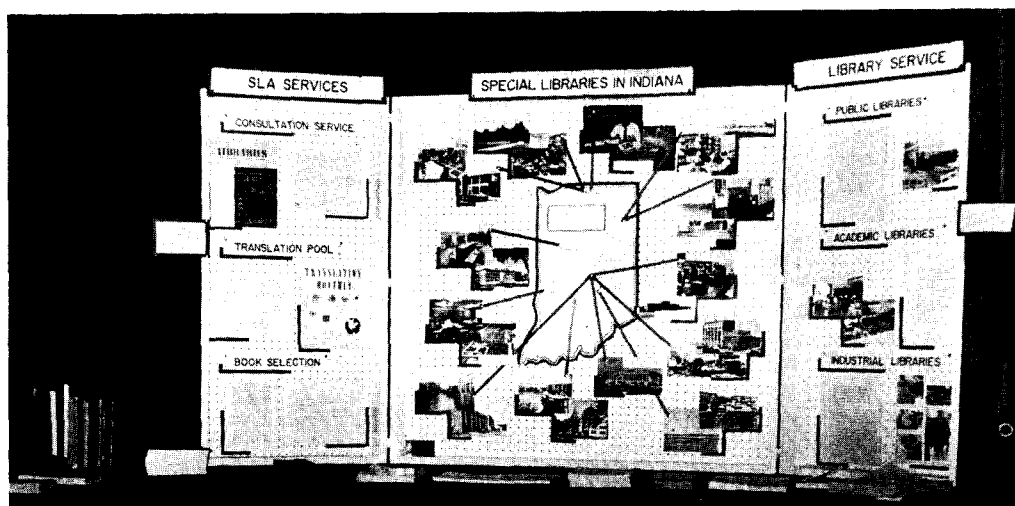
Southeastern Association of Law Librarians, "SLA Recruiting Activities;" Atlanta University School of Library Service Recruitment Conference, "Special Libraries;" Georgia Association of Library Assistants, "Special Libraries."

MRS. MARTHA JANE K. ZACHERT

Last year the **Greater St. Louis Chapter** sent letters to all the colleges in this area and to some of the high schools offering speakers for career days. The response from the colleges was good and I spoke to several. At Maryville College I was fortunate to be one of the speakers at an all student assembly devoted to library work as a career. I feel that talks to men's civic groups, woman's clubs and church organizations have brought some of our best prospects. Parents are interested in hearing about special libraries, and they sell the idea to their children.

MRS. ELIZABETH W. OWENS

In addition to sending speakers to career conferences and answering individual inquiries that were directed to the **Illinois Chapter**, the Recruitment Committee has been concentrating on a program of providing summer jobs for college students in local special libraries. Early in the fall we contacted placement counselors in nine colleges and universities in the Chicago area. We described the variety of special libraries and the possibility for summer employment for students. Our employment chairman, Wayne Hartwell, has been working with us on this project. He has had applications from more than 20 students who have been informed of the opportunity by their counselors. We have advertised for jobs in our Illinois Chapter publication, *The Informant*, and have asked librarians to list their openings with the employment chairman. In addition we have sent a recent memo to the larger libraries in the area urging them to consider college students for full or part-time summer employment. At present we have many more applicants than we have jobs but



Under a banner reading "Putting Knowledge to Work," the Indiana Chapter of SLA set up an exhibit at a recent meeting of the AAAS in Indianapolis. Pamphlets and books pertaining to special librarianship were displayed in front of a large three-panel chart showing the location and types of special libraries in the state and the services SLA offers them.

we are hoping that as the season approaches we will have more response from librarians. It is our feeling that a summer job in a special library may be an introduction to a career for some of the students. It is always difficult to measure the results of recruitment activities, but this seems to be one more way of contacting people who might not otherwise have been aware of the opportunities in special libraries.

JOAN CAMPBELL

The Recruiting Committee of the **Indiana Chapter** has followed the pattern set in past years. First it has continued to maintain a file on special librarians willing to speak at high school functions throughout the state. Upon digging deeper into the methods of programming career days in Indiana high schools, it was found that subject representatives for career days are requested by students themselves. Thus we must make the students more aware of the library field before requests for speakers will be forthcoming. As a solution to this problem, tentative plans have been proposed for a joint committee on re-

cruiting to be composed of committee chairmen from the Indiana Library Association, Indiana School Librarian's Association and Special Libraries Association. Informal cooperation to date has resulted in special library recruiting pamphlets being included in an ISLA packet to be sold for a minimum cost to high school libraries wanting career material. From this we hope more speaker requests will be channelled to SLA. On the college level we have sought and obtained a list of guidance personnel in Indiana colleges and universities. Lack of funds for mailing recruiting literature and a covering letter has stalled any follow-up on this program. Miscellaneous activities have included supplying pamphlets for the American Association for the Advancement of Science convention in Indianapolis and representation at the Hoosier Student Library Assistant Organization meeting on the Indiana University campus.

RICHARD L. SNYDER

The **Minnesota Chapter** again cooperated with the Minnesota Libraries Asso-

ciation in preparing and staffing a booth for the St. Thomas College Career Festival in St. Paul, March 25-27. Approximately 500 high school students were contacted by the librarians who manned the booth for three days and one evening. The parents who accompanied the students to the evening session were very interested in the salaries listed in connection with positions currently available and also in a map of the world marked with library locations to call attention to the fact that jobs are available everywhere. More male students noted the booth this year; the corner location and the world map seemed to be the drawing cards.

JANET VERNON

The **New Jersey Chapter** Recruitment Committee sent a letter to every high school guidance counselor in the state together with an SLA pamphlet and two copies of the New York Life Insurance one. The letter designated representatives of local special libraries who are on our 26-member committee. As a result of this letter, to date six different special librarians have spoken to one or more high school groups, and in a couple of cases the talks have been associated with visits to libraries. We have also had requests for 100 or so additional pamphlets from about six different sources. A poster was prepared and has been displayed in two high school talks and will be displayed in at least one public library. Recruitment folders were also prepared and distributed to all speakers or other interested committee members. A radio interview was worked up which has been distributed to several stations. So far, we have had one request for a radio interview during National Library Week. Several members were guests of the New York Library Club at its December meeting (*SPECIAL LIBRARIES*, February 1958, p. 84). Judy Leondar has agreed to speak to a group of New Jersey school librarians and has helped us make contacts with them and their library councils. A

throwaway bulletin board poster was prepared and was distributed for use in connection with National Library Week and later. Letters similar to the high school ones are going to all college placement directors and librarians. On April 9 the regular Chapter meeting was planned for college students, and we invited one or two from each of the New Jersey colleges to listen to five different speakers from various kinds of special libraries. We shall probably not be able to quantitate our results, but we are sure that there are more young people who know about special libraries now than there were in September.

WINIFRED SEWELL and  
MARGUERITE MORAN

Recruiting activities of the **New York Chapter** are combined with those of training, and officially we are named the Recruitment and Training Committee. We have concentrated our efforts at recruitment to the development of informational material suitable for high school students. We intend to distribute this material through vocational counselors, employment agencies and the specialized high schools in the area. Requests for speakers on special librarianship and training have been made by high schools and colleges, and Chapter members have volunteered for these assignments. The Committee is proceeding with a revision of its *Directory of Training Opportunities in the Metropolitan Area* with a release date in late summer of 1958 before the opening of most school sessions.

MARY C. DUNNIGAN

**Have You  
Signed and Mailed  
YOUR PROXY?**

It is due prior to the Annual  
Business Meeting. Send to:

**Special Libraries Association**

31 East 10 St. New York, 3, N.Y.

# *This Works For Us . . .*

## **Multilithed Catalog Cards**

**T**HE UNIVERSITY OF DENVER Libraries began selective multilithing of catalog cards late in November 1956, after several weeks of experimentation with various kinds of offset mats and ribbons. Only short entries are being multilithed at the present time; longer entries, which would run over onto second cards when typed on an electric typewriter, and multiple-card L. C. sets are still purchased from the Library of Congress.

Although there have been some production problems, the quality of work has been generally excellent. The shift to multilithed cards has meant more typing for the catalog department, which had, for the most part, purchased printed cards and had been able to confine most of its typing load to call numbers and added entries. At present a typist must type the entire entry on an offset mat. However, since the call number is put on the mat when the entry is typed, it is no longer necessary for the catalog department to type call numbers on completed sets of cards, and at least three cards need not be typed on at all, *i.e.*, the author card, the official catalog card and the card for the Bibliographic Center, all of which are ready for use when the printed set is sent upstairs from the multilith room.

Entries are prepared on an electric typewriter with standard elite type, using short-run paper offset mats and nine or ten pound paper-backed carbon ribbons. One hundred percent rag content cards are printed on a Model 350 A.B. Dick offset press with a nine hold vacuum feed. The typing area on the mats was carefully determined after several days of testing and was for several months marked on the mat with a non-reproducing pencil prior to typing. Later, after the typists were thoroughly familiar with the required spac-

ing, they were able to eliminate the preliminary marking.

At the present time, the typists are using a full-sized mat (large enough to print an 8½ by 13 sheet of paper) for each card, resulting in waste of expensive mats. It is hoped to change in the near future to the use of special pre-printed card mats. Such a change will result in the saving of both mat cost and typing time, since the small, relatively inexpensive mats are manufactured in strips of five, and a typist may type five cards without removing the strip from her machine.

Completed mats are grouped by the number of copies required and are sent to the multilith room in large batches, usually 50 to 200 at one time. Due to the fact that the paper tables must be completely readjusted to very precise limits (cards are printed with a three-quarter inch top margin and a one-eighth inch margin between the left edge and the first letter of the call number) and that the impression blanket must be changed (because printing large numbers of cards will emboss the blanket and ruin it for half-tone work), mats are normally held by the multilith room until there are enough of them for a full half-day's work. To allow for checking, the initial of the cataloger and the number of copies desired are penciled lightly on the back of each mat before it leaves the catalog department. The used mats are returned to the department, where they are used as an aid in checking and distributing the completed sets. These mats, which are not cleaned or gummed, are then destroyed. This decision not to save the mats was made because it is more expensive to clean and preserve all of them than it is to occasionally prepare a new one.

LOUIS A. SCHULTHEISS  
Assistant Director of Libraries  
University of Denver, Denver, Colorado

# Have You Heard . . .

## LC Lists Are Now Indexes

The titles of two Library of Congress monthly publications, the *Monthly List of Russian Accessions* and the *East European Accessions List*, have been changed from "List" to "Index." The purpose of the change, which is in name only and does not reflect any new editorial policy, is to emphasize that they are more than mere "booklists" and that they contain information about the contents of new literature coming into the United States from the USSR and East Europe. Both serials are available from the Government Printing Office; the *Monthly Index of Russian Accessions* sells for \$12 yearly, the *Eastern European Accessions Index* for \$10.

## Library Equipment Study

To study the feasibility of standardizing library furniture and equipment, a six month survey, financed by a \$14,944 grant from the Council on Library Research, Inc. will be undertaken by the American Library Association. With the hope that standardization would cut the cost of library facilities, the survey, directed by John H. Ottemiller, Associate University Librarian of Yale University, will determine whether equipment can be profitably manufactured to library specifications, if business and other machines can be employed to a greater extent in libraries and how a continuing standardization program might be financed.

## Convention Hospitality to Foreigners

The SLA Convention Committee in cooperation with the International Relations Committee is arranging special hospitality for foreign librarians who attend the Chicago Convention, June 8-12, 1958. A liaison corner will be established to assist American and foreign librarians to meet colleagues in similar fields. The importance which SLA places upon this interchange of experience and information is indicated by its willing-

ness to waive the Convention registration fee for foreign librarians. Presidents of SLA Chapters are asked to give special invitations to the Chicago Convention to foreign librarians visiting, working or studying in their areas.

## Agricultural Bibliography Award

The Oberly Memorial Award, granted every two years by the American Library Association for the best bibliography in the field of agriculture or the related sciences, will be made at the ALA Annual Conference in Washington, D.C., June 21-27, 1959. The final entry date for the award, which consists of the interest for two years from a fund of about \$1,200, is March 15, 1959. Seven copies of a bibliography issued in 1957 or 1958, accompanied by a letter stating that it is being submitted for consideration for the Award and that the author is a United States citizen, should be sent to Francis P. Allen, Oberly Memorial Award Chairman, University of Rhode Island Library, Kingston, R. I.

## Member In The News

NATALIE NICHOLSON, executive assistant, Massachusetts Institute of Technology Library, is one of eight librarians—and the only woman—selected by the Association of Research Libraries to participate in the Carnegie Project In Advanced Library Administration. The three-month program, supported by a \$20,000 Carnegie Corporation of New York grant, is currently being carried on at Rutgers University and six other cooperating university libraries and the New York Public Library where the "students" are analyzing and studying major library problems.

## Coming Events

The theme of the 51ST ANNUAL MEETING OF THE AMERICAN ASSOCIATION OF LAW LIBRARIANS, at the Sheraton Park Hotel in Washington, D.C., June 30-July 3, will be the Federal Government

and the work of its many agencies as related to law librarianship. Robert B. Anderson, Secretary of the Treasury, Charles S. Rhyne, President of the American Bar Association, and Dean Acheson, former Secretary of State, will be the featured speakers. Panels will discuss the Federal Register, Government Printing Office, revisions of the United States Code and the Copyright Code, use of photofacsimiles and planning new law buildings. For further information, contact Mortimer Schwartz, University of Oklahoma Law Library, Norman, Oklahoma.

During June 11-17 a Joint Committee of the District of Columbia Library Association and the Washington Chapter of SLA, will sponsor INTERNATIONAL LIBRARY WEEK. Visiting foreign librarians and foreign students attending library schools or other institutions are invited to take advantage of scheduled visits to Washington, D.C. libraries. The Committee will make every effort to assist visitors arrange appointments, locate librarians they wish to meet, and insure their seeing outstanding libraries. Further information may be obtained from Dorothea Western, 4918 Westway Drive, Washington 16, D. C.

#### Letter To The Editor

The Exchange of Persons Committee of the International Relations Committee of the American Library Association is gathering information about American librarians who have worked abroad and foreign librarians who have worked in the United States.

In order to make this list as complete as possible, may we have the following information on a 3 by 5 slip? Name; address; library (current library employment); area of service abroad; when; name and address of foreign library; date.

It will be appreciated if this information is sent before June 1, 1958, to the writer who is Chairman of the Exchange of Persons Committee.

The membership present at the Mid-Winter Meeting of IRRT agreed that as complete a list as possible should be made and published in *Leads*. Thank you for your cooperation.

MARY DUNCAN CARTER  
Department of Library Science  
University of Michigan, Ann Arbor, Michigan

## SPOTTED

● To the perennial problems of storing, retrieving and disseminating knowledge, there has recently been added the additional problem of TRANSLATING it.

● Allan T. Waterman, Director of the National Science Foundation, has cited a case in point: "Recently several American industrial laboratories spent five years and at least \$200,000 conducting studies of the design of electrical circuits, only to find afterwards that the work had already been done. It was described in a Russian article published in a Soviet journal before the studies started."

● Another example: when Sputnik first startled the world, American scientists were unable, at the beginning, to track its course because their stations could not pick up the radio frequencies used in the satellite, yet these new frequencies had been described months before in a Soviet magazine for radio amateurs.

● An increasing number of governmental and private organizations, however, are working hard to make Soviet scientific knowledge more accessible.

● Pergamon Institute is translating books and periodicals, plans to hold a symposium to consider methods of teaching Russian and is discussing with Soviet authorities a series of review volumes for the 1920-1956 period.

● Consultants Bureau has completed an agreement with Mezhdunarodnaya Kniga, Soviet publications export agency, in which the New York translating agency received exclusive worldwide rights to translate and publish in English 20 Soviet scientific and technical journals. This will shorten the time lag between the appearance of the original and the translated editions.

● SLA's Translation Center at the John Crerar Library in Chicago has announced that as of March 1958 it will publish bibliographic data on English translations available from the Center and commercial agencies in card form as well as in *Translation Monthly*.



# Off The Press . . .

## Book Review

THE LITERATURE OF AGRICULTURAL RESEARCH. *J. Richard Blanchard and Harold Ostvold*. Berkeley: University of California Press, 1958. 231 p. \$5.

This new and welcome reference guide is "The Hayseed Winchell," but it could do excellent service in various specialized biological libraries, since agriculture covers many phases of life on this planet. The arrangement is in six sections: general agricultural reference books and tools, plant sciences (botany, horticulture and agronomy, plant pathology, forestry and forest products), animal sciences (economic zoology, animal husbandry, poultry, veterinary medicine, entomology, apiculture, pest control, fisheries), physical sciences (agricultural chemistry, soils and fertilizers, engineering and irrigation, meteorology), food and nutrition, and social sciences (economics, statistics, legislation, sociology, education). There is also an addendum of works noted too late for classification. An impressive array of agricultural literature specialists from USDA, University of Illinois, University of California and University of Minnesota have contributed to the volume. They have listed under the various subjects the most valuable bibliographies, indexes, encyclopedias, dictionaries, directories, handbooks, yearbooks, abstracting journals, periodical lists, geographies, abbreviations, biographies and histories.

This is the first of a series of special bibliographical guides to be published under the sponsorship of the University of California by its press. If each is prepared with the same acumen shown by Messrs. Blanchard and Ostvold, the drudgery of obscure searches in special libraries should be reduced somewhat. But how long, oh ye priestesses of the reference volumes, shall we be doomed to the tortoise-like methods of the index-abstract search? If, as Rose Vormelker recently stated in Cleveland, the special librarian is one who can face an electronic computer with equanimity, then may the day of machine searching come quickly, and let the special librarian come out from behind the mountains of printed literature and face the request for a search with a sincere smile. In the meantime the University of California series will play Diogenes among the reference books, and grateful we are for the light.

MRS. HELEN HAHN ENLOW, Librarian  
Ohio Agricultural Experiment Station  
Wooster, Ohio

## SLA Authors

BROMBERG, ERIK. A Bibliography of Theses and Dissertations Concerning the Pacific Northwest and Alaska: Supplement, 1940-1957. *Oregon Historical Quarterly*, vol. 59, March 1958, p. 27-84.

BUTLER, CATHERINE J. A New "Mothers' Room." *Wilson Library Bulletin*, vol. 32, no. 8, April 1958, p. 572-3.

CARTER, MARY DUNCAN. How About Your Library Public Relations? *Wilson Library Bulletin*, vol. 32, no. 7, March 1958 p. 492-3.

CONMY, PETER THOMAS. The Legal Basis of Library Adult Education. *Library Journal*, vol. 83, no. 7, April 1, 1958, p. 996-1000.

DOWNS, ROBERT B. From Cicero to Cerf. *Wilson Library Bulletin*, vol. 32, no. 7, March 1958, p. 479-82.

EATON, ANDREW J. Building Competition Proves Successful. *Library Journal*, vol. 83, no. 7, April 1, 1958, p. 1008-12.

HORN, ANDREW H. Personnel Factors in Administration. *Library Journal*, vol. 83, no. 6, March 15, 1958, p. 803-4.

ORNE, JERROLD. Wanted: A Million Dollars. *Library Journal*, vol. 83, no. 6, March 15, 1958, p. 798-802.

READY, WILLIAM B. Libraries and the Refreshment of Reading. *College and Research Libraries*, vol. 19, no. 2, March 1958, p. 124-5.

ROGERS, JOSEPH W. Problems of Copyright Law Revision Affecting Libraries. *ALA Bulletin*, vol. 52, no. 4, April 1958, p. 245-8.

SELLERS, ROSE Z. A Public Relations Approach to Tackle Recruiting. *Wilson Library Bulletin*, vol. 32, no. 7, March 1958, p. 483-5.

———. Successful Recruiting Institute. *Library Journal*, vol. 83, no. 6, March 15, 1958, p. 808-10.

SHOEMAKER, RALPH J. *The President's Words: An Index*, vol. 4, Eisenhower 1957. Louisville: author and Elsie DeGraff Shoemaker, 1958. 176 p.

WHITE, GLADYS WALKER. The Human Relations Area Files. *College and Research Libraries*, vol. 19, no. 2, March 1958, p. 111-7.

## RECENT REFERENCES Librarianship

ANNUAL REPORT OF THE LIBRARIAN OF CONGRESS: For the Fiscal Year Ending June 30, 1957. *L. Quincy Mumford*. Washington, D.C.: Government Printing Office, 1958. 168 p. \$2.

The results of a three-year project to review the entire copyright law is included.

ARCHIVES AND MANUSCRIPTS IN LIBRARIES. (Library Association Pamphlet no. 18). *Philip Hepworth*. London: Library Association, 1958. 32 p. pap. 5s; (About 70¢).

Conservation and use of archives and manuscripts. Intended for librarians, not archivists.

CATHOLIC SUBJECT HEADINGS: A List Designed for Use with Library of Congress Subject Headings or the Sears List of Subject Headings, 4th ed. *Oliver L. Kapsner*, ed. Collegeville, Minnesota: St. John's Abbey Press, 1958. 440 p. Apply.

Also contains an appendix on the names of saints.

CODE FOR CATALOGING MUSIC AND PHONORECORDS. *Music Library Association and American Library Association, Division of Cataloging and Classification*. Chicago: American Library Association, 1958. 94 p. pap. \$2.25.

COLLEGE AND UNIVERSITY LIBRARY ACCREDITATION STANDARDS—1957. (ACRL Monographs, no. 20) *Eli M. Oboler* and others, comps. Chicago: Association of College and Research Libraries, 1958. 48 p. pap. \$1.50.

FIVE YEARS' WORK IN LIBRARIANSHIP 1951-1955. *P. H. Sewell*, ed. London: Library Association, 1958. 426 p. 60s. (\$8.66).

Successor to *Year's Work In Librarianship* which was discontinued with the 1950 volume.

INSTITUTIONAL CHARACTERISTICS OF LIBRARIES. (Aspects of Librarianship, Fall 1957, no. 14). *Eva Maude Tilton*. Kent, Ohio: Department of Library Science, Kent State University, 1957. Gratis. (Available from John M. Goudeau, Department of Library Science, Kent State University, Kent, Ohio).

LIBRARY SCIENCE ABSTRACTS: Cumulative Index to Volumes 1-6, 1950-1955. *H. A. Whatley and Evelyn S. Whatley*, comps. London: Library Association, 1957. 212 p. 40s. (About \$5.60).

NATIONAL LIBRARIES OF THE WORLD: Their History, Administration and Public Services. *Arundell Esdaile*, and rev. by F. J. Hill. London: Library Association, 1957. 428 p. illus. 44s. (\$6.33).

Description of 32 famous national libraries, their buildings, catalogs, collections, staff and finances. Bibliography follows each chapter. Covers the growth and development of libraries since 1934 and several libraries not mentioned in first edition.

PROLEGOMENA TO LIBRARY CLASSIFICATION, 2nd ed. *S. R. Ranganathan*. London: Library Association, 1957. 488 p. 45s. (\$6.50).

Revised and partly rewritten.

SCHOOL LIBRARY SYMPOSIUM: (Aspects of Librarianship, no. 13). *John M. Goudeau, Lois Craig and Edwin C. Strohecker*. Kent, Ohio: Department of Library Science, Kent State University, 1957. Gratis. (Available from John M. Goudeau, Department of Library Science, Kent State University, Kent, Ohio.)

USES OF BIBLIOGRAPHY TO THE STUDENTS OF LITERATURE AND HISTORY. *Edwin Elliott Willoughby*. Hamden, Conn.: Shoe String Press, 1957. 105 p. \$3.

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PAPERBOUND BOOKS IN BUSINESS AND ECONOMICS: A Bibliography (no. 3). Chapel Hill: Business Administration and Economics Library, University of North Carolina, 1958. 9 p. pap. Gratis.

"RIGHT-TO-WORK" ISSUE: PRO'S AND CON'S: An Annotated Bibliography on Union Security. *Leonard Wigon and Gilbert E. Donahue*. Champaign, Illinois: Institute of Labor and Industrial Relations, University of Illinois, 704 S. 6th Street, 1958. 14 p. pap. Apply.

### Miscellaneous References

BANKING SYSTEM OF SWITZERLAND. 2nd rev. ed. *Hans J. Bar and Philipp Wolff*. Zurich: Schulthess; New York: Hafner, 1957. 92 p. pap. \$2.75.

CHEMICAL REACTION ENGINEERING: 12th Meeting of the European Federation of Chemical Engineering, Amsterdam, 7th, 8th and 9th May, 1957. New York: Pergamon, 1957. 208 p. illus. \$12.50.

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DEFORMATION OF THE EARTH'S CRUST: An Inductive Approach to the Problems of Diastrophism, reissue. *Walter H. Bucher*. New York: Hafner, 1957. 532 p. illus. \$10.

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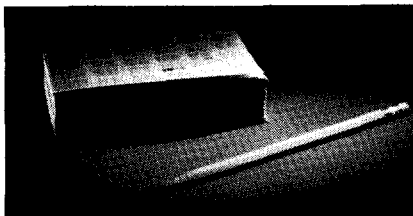
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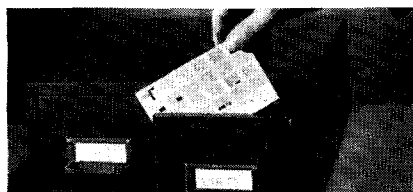
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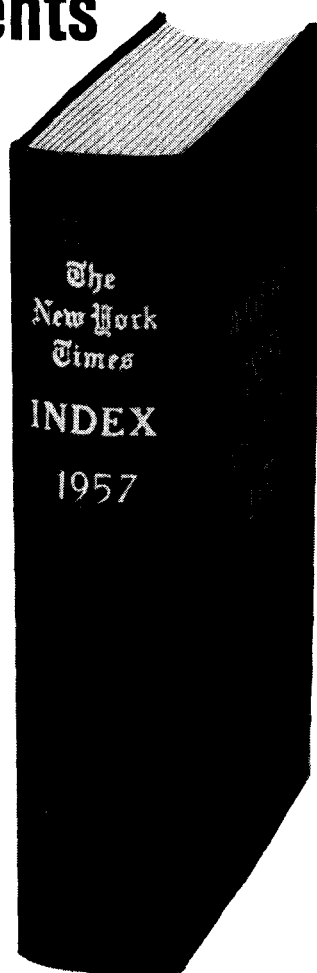
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