

New Periodicals of 1959—Part I

THE NUMBER of important periodicals launched during the first six months of 1959 and available for examination at the Library of Congress is small. In the list of titles which follows it will be seen that various phases of science have new scholarly journals; that automation, management, astronautics, and atomic energy are of continuing interest; and finally, that the greater number of these journals originate with professional societies, research institutions, and universities.

BIBLIOGRAPHY. Drawn from the announcement issues of the *Library Journal*, *Bowker's Advance Reference-Source Reporting Service* will provide early information about some 6,000 books a year, with publication date, price, and brief description, all arranged by subject.

CHURCH HISTORY. *Archief voor de Geschiedenis van de Katholieke Kerk in Nederland* will be published three times a year in Utrecht. The first number consists of an article "Over de beoefening van de geschiedenis der katholieke kerk in Nederland sedert omstreeks 1870."

STATISTICS. *Technometrics* is a journal of statistics for the physical, chemical, and engineering sciences published quarterly by the American Society for Quality Control and the American Statistical Association. "Mathematical Probability in the Natural Sciences," and "The Analysis of Life Test Data," are two of the articles in the first issue.

POLITICAL AFFAIRS. There is being published in Washington a bimonthly journal

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on foreign affairs entitled *Free World Forum*. The editors are persons who have found refuge in the West; the contributors are area specialists. Articles by Dr. Elemer Bako, Hungarian specialist, Slavic and Central European Division, the Library of Congress, on "Communist Maneuvering in Hungary Since the Revolution," and by Dr. Raymond Moyer, director, Far East regional affairs, International Cooperation Administration, on "Mutual Security, Korea and Defense Support" are illustrative of the first issue. The School of Inter-American Studies, University of Florida, launched *Journal of Inter-American Studies* as a channel for scholarly communication between the different parts of the Western Hemisphere. It will cover humanities and social sciences. *Cahiers Pologne-Allemagne* published in Paris and edited by Georges Zdziechowzki has as its theme the peaceful coexistence of Poland and Germany. The contributors to number one are all Polish scholars living in Poland.

CONSERVATION. *Land & Water Conservation* "serves the interests of conservation contractors, Soil Conservation Service technicians, Soil Conservation and Watershed District chairmen and supervisors, and the materials and equipment suppliers in the land and water conservation industry."

ECONOMICS. *The National Institute Economic Review* is published in London by the National Institute of Economic and Social Research as a service to businessmen and others who need to be informed of the general economic situation and prospects in Great Britain.

LAW. *Atomic Energy Law Journal* reports on legislation, court decisions, and

government regulations dealing with the production and use of atomic energy. *Rivista di Diritto Fiscale e Amministrativo* will interpret Swiss federation and canton fiscal and administrative law.

EDUCATION. To improve teaching methods is the aim of *Educadores*, the journal of the Federación Española de Religiosos de Enseñanza. The contributors are professors in pedagogical institutions in Spain. Book reviews and reviews of periodical articles are included. *Technical Education* comes from London. Its purpose is to stimulate research and thought on technical education in schools and colleges and on-the-job training in industry.

SCIENCE. *Developmental Biology* will publish articles bearing on problems of development of both plants and animals, serving in this way as a meeting ground for botanical and zoological approaches. *Experimental Neurology* is to be an international journal publishing results of original research by experimental methods. *Illinois Research* reports briefly on some of the experiments being conducted in agriculture and home economics at the Illinois Agricultural Experiment Station. *International Journal of Radiation Biology and Related Studies in Physics, Chemistry and Medicine* will bring together all interests concerned with the biological effects of ionizing radiations. *Journal of Applied Polymer Science* continues in part the *Journal of Polymer Science* and as its title indicates contains papers reporting results of studies and experiments which can be practically applied. *Journal of Molecular Biology* "will publish papers on the nature, production, and replication of biological structure at the molecular level, and its relation to function." *Neue Physik* from Vienna is a bimonthly "Zeitschrift für die Gebiete der Atom- und Strahlungsphysik." *Science Information News* from the National Science Foun-

ation will report "national and international developments in scientific and technical information dissemination." *Tropical Science* is the journal of the Tropical Products Institute in London. It will report the research done at the institute on the agricultural, plant, and animal products of the tropical countries of the British Commonwealth.

MEDICINE. *Journal of Occupational Medicine* is published by the Industrial Medical Association. It consists of articles, book reviews, and abstracts.

ENGINEERING. *Air Engineering* is a new monthly treating of the science of air pollution control, air moving, and air conditioning, sciences which in the opinion of the editors will prolong man's life by protecting him from hostile environmental forces—from microbes and smog to debilitating temperatures. *Astronautical Sciences Review* is published by the American Astronautical Society. News coverage of space flights, research and development in space systems, human factors research, etc., will be treated in this quarterly. *The Civil Engineer in Southern Africa* is also called the transactions of the South African Institution of Civil Engineers. It consists of papers and speeches from society meetings. *Environmental Engineering* is the journal of the Institute of Environmental Engineers. The table of contents of the first number of this very technical journal lists such articles as "Response of Structures Under Random Vibration," "Sonic Failure" and others. *Imported Auto Trade* although intended for people connected with the imported automobile industry would be of interest to owners or prospective owners of foreign cars because of its news on models, distribution, servicing, etc. *Industrial Research* reports on research projects underway, anticipated, and needed in industry. Articles entitled "1959 Forecast: \$12 Billion for Research," "Why Isn't the Post Office Auto-

mated," and "Semiconductors: a Dynamic New Industry" are illustrative of volume one, number one. *Power Transmission Design* will be devoted to news and ideas about machine drives. *SIAM Review* is a publication of the Society for Industrial and Applied Mathematics. Here will be published papers referring to industrial or scientific problems. They will describe new mathematical techniques and new applications, survey mathematical methods in advanced fields, and describe areas where there is need for mathematical development.

MANAGEMENT. *Data Processing in Business and Industry* is being published in London. Data processing, a phrase familiar to librarians, is herein described as "the technique whereby information is acquired, transmitted, stored, retrieved, and operated upon for effective industrial and commercial use." *The International Executive* consists of summaries of books and periodical articles on management of international operations.

FINE ARTS. *Dance Perspectives* will contain interesting, stimulating, and entertaining articles of considerable length by writers with specialized knowledge on the art of dance. The first issue consists of Lincoln Kirstein's "What Ballet Is About: an American Glossary." *Journal of Church Music* is a magazine for choir directors, organists, leaders of children's choirs, pastors, and members of music committees. Articles and scores are in-

cluded. In *Records & Music* Arthur Fiedler advises readers how to choose all kinds of music for listening pleasure in "Labels That Libel Good Music." The first issue includes articles explaining the difference between stereo and conventional recording, relating the behind-scenes story of a recording session, and others.

LITERATURE. *The Critical Quarterly* comes from The University, Hull, England, and is largely concerned with twentieth-century British, American, and European literature. The editors write: "If we can help to keep alive the belief that literature is for every man . . . and that it is still one of the major pleasures of life, we shall feel we have achieved at least one of our aims." *Criticism, a Quarterly for Literature and the Arts* is published by Wayne State University Press. "It will examine the arts and literatures of all periods and nations, either individually or in their interrelationship, and critical theory regarding them." *Humanidades* is the review of the faculty of humanities of the University of the Andes, Mérida, Venezuela. It will publish the works of the faculty as well as of outsiders and will not be limited to Venezuelan matters entirely. *Palinurus* is published semiannually by Charl Van Horn in Orange, New Jersey. The first issue opens with Mark Van Doren's "Undersong." *Oeuvres et Opinions* from Moscow consists of French translations of Russian literary works.

Periodicals

Air Engineering. Business News Publishing Company, 450 W. Fort Street, Detroit 26. v.1, no.1, April 1959. Monthly. \$3.

Archief voor de Geschiedenis van de Katholieke Kerk in Nederland. Uitgeverij Het Spectrum N.V., Postbus 2073, Utrecht. v.1, no.1, 1959. 3 nos. a year, f15.

Astronautical Sciences Review. American As-

tronautical Society, Inc., Box 598, Palo Alto, California. v.1, no.1, January/March 1959. Quarterly. \$4.

Atomic Energy Law Journal. Warren Publications, 89 Beach Street, Boston 11, Massachusetts. v.1, no.1, Winter 1959. Quarterly. \$20.

Bowker's Advance Reference-Source Report-

- ting Service.* R. R. Bowker Company, 62 West 45th Street, New York 36. February 1959. 5 nos. a year. \$7.50.
- Cahiers Pologne-Allemagne.* Éditions Sarmatia, 9, Place de la Madeleine, Paris 8. v.1, no.1, April/June 1959. Quarterly. \$5.
- The Civil Engineer in Southern Africa.* South African Institution of Civil Engineers, Kelvin House, 75 Marshall Street, Johannesburg. v.1, no.1, January 1959. Frequency not given. Price not given.
- The Critical Quarterly.* The University, Hull, England. v.1, no.1, Spring 1959. \$2.50.
- Criticism.* Wayne State University Press, 4841 Cass Avenue, Detroit 2. v.1, no.1, Winter 1959. Quarterly. \$6.
- Dance Perspectives.* 1801 East 26th Street, Brooklyn 29. no.1, Winter 1959. Quarterly. \$5.
- Data Processing.* Iliffe & Sons, Ltd., Dorset House, Stamford Street, London SE 1. January/March 1959. Quarterly. \$12.
- Developmental Biology.* Academic Press, Inc., 111 Fifth Avenue, New York 3. v.1, no.1, April 1959. Bimonthly. \$14.
- Educadores.* Claudio Coello 32, Apartado 1267, Madrid. v.1, no.1, January/February 1959. 5 nos. a year. 200 ptas.
- Environmental Engineering.* Institute of Environmental Engineers, P.O. Box 341, Mineola, New York. v.1, no.1, February 1959. Quarterly. \$4.
- Experimental Neurology.* Academic Press, Inc., 111 Fifth Avenue, New York 3. v.1, no.1, April 1959. Bimonthly. \$16.
- Free World Forum.* Washington 5, D.C. v.1, no.1, January 1959. Bimonthly. \$5.
- Humanidades.* Universidad de los Andes, Mérida, Venezuela. v.1, no.1, January/-March 1959. Quarterly. Price not given.
- Illinois Research.* University of Illinois Agricultural Experiment Station, Urbana. v.1, no.1, Winter 1959. Quarterly. Free.
- Imported Auto Trade.* 152 West 42nd Street, New York 36. v.1, no.1, February 1959. Monthly. \$5.
- Industrial Research.* Scientific Research Publishing Company, Inc., 200 S. Michigan Avenue, Chicago 4. v.1, no.1, January 1959. Quarterly. \$3.
- The International Executive.* Foundation for the Advancement of International Business Administration, Box 104, Riverdale Station, New York 71. v.1, no.1, Winter 1959. Frequency not given. \$15.
- International Journal of Radiation Biology.* Taylor & Francis, Ltd., Red Lion Court, Fleet Street, London EC 4. v.1, no.1, January 1959. Quarterly. £3 15s.
- Journal of Applied Polymer Science.* Interscience Publishers, Inc., 20th and Northampton Streets, Easton, Pennsylvania. v.1, no.1, January/February 1959. Semiannual. \$17.50.
- Journal of Church Music.* 2900 Queen Lane, Philadelphia 29. v.1, no.1, January 1959. Monthly (except July-August). \$3.50.
- Journal of Inter-American Studies.* School of Inter-American Studies, University of Florida, Gainesville. v.1, no.1, January 1959. Frequency not given. \$2.
- Journal of Molecular Biology.* Academic Press, 111 Fifth Avenue, New York 3. v.1, no.1, April 1959. Bimonthly. \$14.
- Journal of Occupational Medicine.* Industrial Medical Association, 28 East Jackson Boulevard, Chicago 4. v.1, no.1, January 1959. Monthly. \$10.
- Land & Water Conservation.* P.O. Box 2268, Montgomery, Alabama. v.1, no.1, April 1959. Monthly. \$6.
- National Institute of Economic and Social Research. Economic Review.* National Institute of Economic and Social Research, 2 Dean Trench Street, Smith Square, London, SW 1. no.1, January 1959. Bimonthly. \$6.
- Neue Physik.* Mollardgasse 8, Wien VI. no.1, 1959. Bimonthly. Ö.S. 60.
- Oeuvres et Opinions.* Union des Écrivains de l'U.R.S.S., 17, Rue Kirov, Moscou. 1, 1959. Monthly. Price not given.
- Palinurus.* Charl Van Horn, 119 Central Avenue, Orange, New Jersey. v.1, no.1, April 1959. Semiannual. \$3.75.
- Power Transmission Design.* Industrial Publishing Corporation, 812 Huron Road, Cleveland 15. v.1, no.1, January 1959. Monthly. \$7.
- Records & Music.* M. & N. Harrison, Inc., 274 Madison Avenue, New York 16. v.1, no.1, March 1959. Monthly. \$3.50.
- Rivista di Diritto Fiscale e Amministrativo.* Arti Grafiche A. Salvioni & Co., S.A., Bel-

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Research Libraries and Scientific Publishers

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Despite the fact that it costs the ACS member only \$20 per year, member circulation has dropped from 22,675 in 1949 to 17,301 in 1958. Why? Apparently because libraries have made *Chemical Abstracts* and information from *Chemical Abstracts* so easily available. There is no urgency felt by the individual scientist to subscribe to this publication. This is a rather disheartening observation to make about our members but it does seem to be valid.

With the steady decline in number of subscriptions and the increase in material published it has become necessary to charge more and more for *Chemical Abstracts*. Prices now are \$20 to members, \$80 to colleges and universities, and \$350 to all others. For 1960—and you are among the first to know—these prices will increase to \$32, \$150, and \$570. The two higher categories of prices are those paid by libraries.

How could these prices be reduced or held stable? From the results of research, for one. The ACS already has an extensive program in progress. We hope thereby to reduce some expenses and add some special services, for a fee. By increasing numbers of subscriptions

is a second way; each subscriber then pays less in fixed charges. Finally—and strangely enough—by not photocopying material from this publication for distribution unless you pay for the right to do so. Based on evidence on hand we have calculated that if the material reproduced from *Chemical Abstracts* were all paid for at the fees we charge for this service, and if libraries took advantage of this special service to compile bulletins consisting of pertinent abstracts for their own organizations, the price of every nonmember subscriber could be reduced by \$50 to \$75 and perhaps more. Furthermore we believe that adoption of this plan would save library staffs much of the time now spent in making their own abstracts.

The ACS charter sets forth as one of the primary objectives of the Society the promoting of scientific interest and inquiry through its publication program. We want to make our journals as useful as possible and also to do all in our power to see that they are universally available. To a large extent you are agents in providing availability. We earnestly desire to work with you.

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Science Information News. National Science Foundation, Washington 25. v.1, no.1, February/March 1959. Bimonthly. \$1.25.
SIAM Review. Society for Industrial and Applied Mathematics. Box 7541, Philadelphia. v.1, no.1, January 1959. Semiannual. \$5.

Technical Education. Evans Brothers, Ltd., Montague House, Russell Square, London, WC 1. v.1, no.1, February 1959. Frequency not given. Price not given.
Technometrics. J. Stuart Hunter, 167 Nassau Street, Princeton, N.J. v.1, no.1. February 1959. Quarterly. \$8.
Tropical Science. H.M. Stationery Office, London. v.1, no.1, 1959. Quarterly. 26s.