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Letter
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TEXTILES: SOURCES OF INFORMATION

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INTRODUCTION

This Letter Circular is a list of publications to which reference is frequently made in answering requests for information about textiles and the textile industry. The encyclopedias available in practically all libraries give concise information on various phases of these subjects. The books, periodicals, and other documents listed here are sources of more extensive information both technical and nontechnical. Some of them contain bibliographies on specific topics which are useful guides to further reading. The names and addresses of some periodicals dealing with textiles are given. The original literature on the science and technology of textiles is covered by the abstracts published in the "Journal of the Textile Institute", and the chemical literature is covered by "Chemical Abstracts". Both are listed among the periodicals.

The publications of government agencies dealing with textiles can be located by consulting the lists enumerated here or by consulting the card catalogs in the numerous libraries throughout the United States in which government publications are regularly deposited. No master list of all government publications dealing with textiles is available. Some of the frequently referred to government publications are listed individually, and the price at which each can be purchased is given. Orders should be sent to the Superintendent of Documents, Washington 25, D. C., with remittance. Stamps are not accepted.

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GENERAL

"AMERICA'S FABRICS." Zelma Bendure and Gladys Pfeiffer. Macmillan Co., New York, N. Y. 688 pages. 1946. \$10.00.

Discussion of fabrics in consumer use from their beginnings to the finished fabrics: historical development; machines and methods employed; fibers, yarns and fabrics and their construction, finishing, and coloring; distinguishing characteristics and uses of each fabric. Illustrated.

"FABRICS." Better Buymanship Bulletin No. 23. Household Finance Corporation, 919 North Michigan Avenue, Chicago 11, Ill. 44 pages. 1946. 5 cents.

Discussion of natural and man-made fibers and fabrics; characteristics, weaves, finishes, dyeing, printing, finishing, and selection. References to the literature, and glossaries of fabric finishes and trade names for fibers and fabrics, included.

"HOUSEHOLD TEXTILES." Better Buymanship Bulletin No. 2. Household Finance Corporation, 919 North Michigan Avenue, Chicago 11, Ill. 40 pages. 1946. 5 cents.

Information on construction, size, selection, labeling, serviceability, and care of sheets, blankets, comforters, bedspreads, table linen, and towels.

"JUDGING FABRIC QUALITY." Farmers' Bulletin No. 1831F. U. S. Department of Agriculture. 59 pages. April 1946. 5 cents.

Information on identification, construction, and finish of cotton, linen, silk, wool, rayon, and casein textiles.

"THE RELATION OF THE NATIONAL BUREAU OF STANDARDS TO THE TEXTILE INDUSTRY." Wm. D. Appel. American Dyestuff Reporter, Vol. 33, No. 9, pp. P182-184; April 24, 1944.

Discussion of the activities and services of the various divisions of the Bureau as related to textiles research and testing, consumer goods, and the textile industry.

"RULES, POLICY, ORGANIZATION, AND ACTS." Federal Trade Commission. 214 pages. November 20, 1947. Free from the Commission.

Statutes from which the Commission derives its powers: Clayton Act, as amended by Robinson-Patman Act; Export Trade Act; Federal Trade Commission Act, as amended by Wheeler-Lea Act; Robinson-Patman Anti-Price Discrimination Act; Sherman Antitrust Act, as amended by Miller-Tydings Act; Trade Mark Act of 1946; Wool Products Labeling Act of 1939.

"TEXTILE FABRICS AND THEIR SELECTION." Isabel B. Wingate. Prentice-Hall, Inc., New York, N. Y. 511 pages. 1942. \$5.35.

Emphasis placed on selling points of textile fabrics useful to textile salesman, and on ways in which manufacturing processes affect factors sought by the consumer in purchasing of textile products.

GENERAL cont'd.

"TEXTILE FIBER ATLAS." Werner Von Bergen and W. Krauss. Textile Book Publishers, Inc., 303 Fifth Avenue, New York 16, N. Y. Looseleaf. Second Printing 1945. \$4.00.

Photomicrographs of important textile fibers. Width and cross section measurements, and fineness analysis tabulated. Extensive bibliography.

"TEXTILE FIBERS." J. M. Matthews. Edited by H. R. Mauersberger. Textile Book Publishers, Inc., 303 Fifth Avenue, New York 16, N. Y. 1133 pages. Fifth Edition 1947. \$12.50.

Comprehensive discussion of fibers, their physical and chemical properties, their use and adaptation, economics, microscopy, methods of testing, quantitative analysis, and qualitative identification. Newly developed man-made fibers, both commercial and experimental, are discussed fully. Extensive bibliography.

"TRADE PRACTICE RULES." September 1, 1935 - June 30, 1945. Federal Trade Commission. 488 pages. 1946. 75 cents.

Rules promulgated by the Commission designed to foster and promote the maintenance of fair competitive conditions in the interest of protecting industry, trade, and the public. Compilation embraces Trade Practice Rules for 14 branches of the textile industry including rayon and silk dyeing, printing, and finishing; hosiery; uniform; umbrella; woven cotton yard goods; infants' and children's knitted underwear; house dress and wash dress manufacture.

TEXTILE DICTIONARIES

"CALLAWAY TEXTILE DICTIONARY." W. L. Carmichael, G. E. Linton, and I. Price. Callaway Mills, La Grange, Ga. 389 pages. First Edition 1947. \$4.00.

Dictionary of textile terms covering the terminology of textile manufacturing and its products: basically, those products contained within the categories of yarns and woven fabrics, both natural and synthetic.

"FABRICS." Grace G. Denny. J. B. Lippincott Co., Philadelphia, Pa. 202 pages. Sixth Edition 1947. \$2.75.

Glossary-type book containing sections on fabric identification, textile terms and definitions, classification of fabrics, textile tests, labeling and its control, and references to the literature on textiles.

ECONOMICS AND STATISTICS

"BIENNIAL CENSUS OF MANUFACTURERS." U. S. Department of Commerce, Bureau of the Census. Published every two years; latest edition 1939 (out of print); 1947 edition in preparation. Price approximately 60 cents.

Classified reports on various branches of the textiles industry: wages, jobs, commodity, production, and consumption.

ECONOMICS AND STATISTICS cont'd.

"STATISTICAL ABSTRACTS OF THE UNITED STATES." U. S. Department of Commerce, Bureau of the Census. Annual. 1947 Edition: 1038 pages, \$2.75.

Statistics given for textiles and textile products: commodity value, production, and consumption; wages, hours, and jobs.

"TEXTILE MILLS PRODUCTS." Facts for Industry Series. U. S. Department of Commerce, Bureau of the Census. Leaflet. Monthly, quarterly, or yearly. Free.

Trends in the United States industry.

"WAR CHANGES IN INDUSTRY SERIES." U. S. Tariff Commission.

"Burlap Cloth." 58 pages. 1947. 20 cents.

"Cotton Cloth." 132 pages. 1947. 40 cents.

"U. S. Stock Pile Wool." 26 pages. 1944. Free from the Commission.

"Raw Wool." 20 pages. 1943. Free from the Commission.

Production, consumption, imports, and international trade: discussion and statistics.

COTTON

"AMERICAN COTTON HANDBOOK." G. R. Merrill, A. R. Macormac, and H. R. Mauersberger. Textile Book Publishers, Inc., 303 Fifth Avenue, New York 16, N. Y. 1024 pages. First Edition 1941. \$4.80.

Discussion embraces the growing of cotton; analysis of fiber; operations of ginning and marketing; processing of yarns and fabrics; finishing and testing. Included are bibliography of cotton literature (English), cotton glossary, and information on the use of the statistical method in textile testing.

"THE CLASSIFICATION OF COTTON." Miscellaneous Publication No. 310. U. S. Department of Agriculture, Bureau of Agricultural Economics. 54 pages. May 1938. 10 cents.

Basis of classification; standards for grade; methods of grading and stapling; factors of character; effect of moisture on staple and character; relation of classification to price. Appendix gives official cotton standards in effect May 1938.

"COMPETITIVE POSITION OF COTTON BY MAJOR END-USE MARKETS." Statement of M. K. Horne, Director of Utilization Research, National Cotton Council of America. Project IV. pages 255-375: "Study of Agricultural and Economic Problems of the Cotton Belt." Hearings before Special Subcommittee on Cotton of the Committee on Agriculture, House of Representatives, Eightieth Congress, First Session, July 7 and 8, 1947. 877 pages. 1947. \$2.00. (Reprint of Project IV may be obtained free, as long as available, from the National Cotton Council of America, 1406 G Street, N. W., Washington, D. C.).

127 end-use markets studied with relation to size, significance of advertising, merchandising and related problems, and price. 11 exhibits and 12 tables supplement discussion.

COTTON cont'd.

"COTTON FROM RAW MATERIAL TO FINISHED PRODUCT." The Cotton-Textile Institute, Inc., 320 Broadway, New York, N. Y. 66 pages. Third Edition 1944. \$1.20.

Information on the growing and processing of the fiber, distribution of cotton products, and position of cotton in the nation's economy. Book includes descriptive swatches of cotton fabrics illustrating major products of the industry.

WOOL

"AMERICAN WOOL HANDBOOK." W. Von Bergen and H. R. Mauersberger. Textile Book Publishers, Inc., 303 Fifth Avenue, New York 16, N. Y. 1055 pages. Second Edition 1948. \$8.00.

Discussion of American wool manufacturing practice from raw material to finished product inclusive of information on chemistry of wool, dyestuffs, and physical and chemical testing. Included are woolen and worsted glossary, dyestuffs appendix, and bibliography of American and foreign literature.

"GRADING OF WOOL." Farmers' Bulletin No. 1805F. U. S. Department of Agriculture. 23 pages. Revised 1945. 10 cents.

Corresponding grades in American and English wool grading systems. Discussion of grading factors: fineness of fiber, length of staple, strength and character of fibers.

"SAMPLING AND MEASURING METHODS FOR DETERMINING FINENESS AND UNIFORMITY IN WOOL." Circular 704C. U. S. Department of Agriculture. 15 pages. August 1944. 10 cents.

Comparison of different methods of sampling fleeces and various ways of measuring their fineness and uniformity in achieving a practical degree of accuracy with a minimum amount of labor. References to literature cited. Illustrated.

RAYON AND SYNTHETICS

"MODERN PLASTICS ENCYCLOPEDIA." Plastics Catalogue Corp., 122 East 42nd Street, New York, 17, N. Y. 1673 pages; 12 separate wall charts. 1948. \$8.50.

Comprehensive review of the materials, processes, and equipment employed in the plastics and synthetic fiber industries. Information covers formulas, manufacturing and processing, machinery and equipment, forms and applications, and properties. References to the literature given. Chart No. 8, "Fiber Properties," gives the properties of the chief synthetic fibers and of cotton, silk, and wool. Manufacturers and trade names of synthetic fibers included.

RAYON AND SYNTHETICS cont'd.

"THE NEW FIBERS." J. V. Sherman and S. L. Sherman. D. Van Nostrand Co., Inc., 250 Fourth Avenue, New York 3, N. Y. 531 pages. 1946. \$5.00.

Discussion embraces history and development of the new fibers, their manufacture, chemical and physical properties, established and potential applications, with available data on volume of production and prices. Chemistry of each fiber is discussed and structural formulas are included. References to literature given.

"PRODUCTION STUDIES OF SYNTHETIC FIBERS AND PAPER." U. S. Department of Agriculture, U. S. Tariff Commission, and National Cotton Council of America, cooperating. Project V, pages 375-488: "Study of Agricultural and Economic Problems of the Cotton Belt." Hearings Before Special Subcommittee on Cotton of The Committee on Agriculture, House of Representatives, Eightieth Congress, First Session, July 7 and 8, 1947. 877 pages. 1947. \$2.00. (Reprint of Project V may be obtained, as long as available, from the National Cotton Council of America, 1406 G Street, N. W., Washington, D. C.).

Report consists of separate sections on rayon, nylon and other noncellulosic fibers, and paper: production, manufacturing, uses, and economic aspects. 8 figures, 1 chart, and 42 tables supplement discussion.

"RAYON AND STAPLE FIBER HANDBOOK." H. R. Mauersberger and E. W. K. Schwarz. Textile Book Publishers, Inc., 303 Fifth Avenue, New York 16, N. Y. 832 pages. Third Edition 1939. \$4.50.

Practical reference book for the producer, manufacturer, processor, distributor, dry cleaner, launderer, economist, and student. 300 illustrations, tables, and charts; rayon glossary; bibliography of American and foreign literature.

TEST METHODS AND STANDARDS

"A.S.T.M. STANDARDS ON TEXTILE MATERIALS." Prepared by A.S.T.M. Committee D-13 on Textile Materials, American Society for Texting Materials, 1916 Race Street, Philadelphia 3, Pa. Annual. \$4.00.

Handbook containing the definitions and terms, methods of testing, and specifications for textile and related materials developed by the Society. Additional materials appearing in appendices as information include: tables on basic properties of textile fibers, yarn conversion number, and relative humidity; proposed recommended practice for designation of yarn construction, and for calculating number of tests; drafts of several new test methods.

"METHODS OF ANALYSIS AND OF REPORTING FIBER COMPOSITION OF TEXTILE PRODUCTS." Commercial Standard CS 65-43. National Bureau of Standards. 18 pages. February 20, 1943. 5 cents.

Standard promulgated through the Bureau to provide standard methods for the quantitative analysis of finished products containing cotton, rayon, silk, or woolen fiber, and mixtures thereof, and of reporting on same.

TEST METHODS AND STANDARDS cont'd.

"TEXTILES; GENERAL SPECIFICATIONS, TEST METHODS." Supplement to Federal Specification CCC-T-191a. 57 pages. October 8, 1945. 10 cents.

General physical and chemical methods for testing textiles for conformance with the requirements of material specifications in use by the procurement agencies of the Federal Government: physical tests; abrasion resistance; exposure of coated fabrics to extreme conditions; fire resistance; color fastness; mildew resistance; non-physical tests.

"TEXTILES; GENERAL SPECIFICATIONS, TEST METHODS." Federal Specification CCC-T-191a. 21 pages. April 23, 1937. 5 cents.

General physical and chemical methods for testing textiles for conformance with the requirements of Federal Specifications: moisture content; fiber identification; amount and kind of sizing, finishing, and other nonfibrous materials; tensile and tearing strength; cloth construction; color fastness; shrinkage in laundering; water and air permeability.

"TEXTILES - TESTING AND REPORTING." Commercial Standard CS59-44. National Bureau of Standards. 45 pages. February 20, 1944. 10 cents.

Standard test methods promulgated through the Bureau for the guidance of testing laboratories in attaining comparability and reproducibility of test results and a uniform basis for reporting results of tests.

"YEAR BOOK OF THE AMERICAN ASSOCIATION OF TEXTILE CHEMISTS AND COLORISTS." Howes Publishing Co., No. 1 Madison Ave., New York 10, N. Y. Annual. \$3.50.

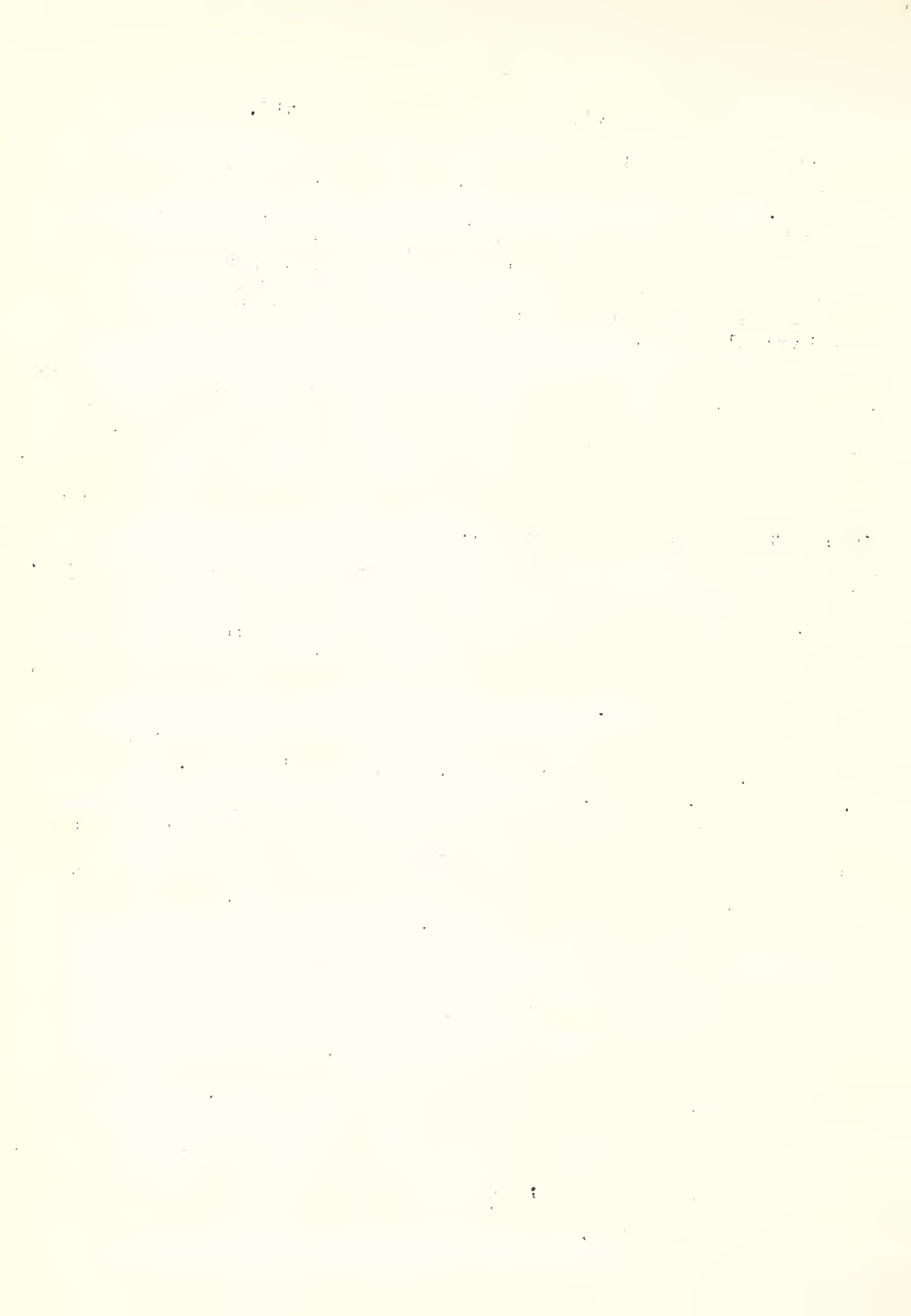
Sections devoted to identification and quantitative separation of fibers; A.A.T.C.C. standard and tentative textile test methods; tabulation of American dyes; textile chemical specialties. Included are committee reports on flammability, detergency, proofing and finishing agents, color, atmospheric fading, etc. Bibliography on textiles and related materials.

LISTINGS OF GOVERNMENT PUBLICATIONS

U. S. DEPARTMENT OF AGRICULTURE:

"LIST OF AVAILABLE PUBLICATIONS OF THE U. S. DEPARTMENT OF AGRICULTURE." Miscellaneous Publication No. 60. Revised Edition, October 1948. Superintendent of Documents. Free.

Listing of available publications, charts, posters, and other visual aids issued by all agencies within the Department. Some of the subjects covered by those pertaining to textiles are: fiber production and economics; clothing and household textiles; home dyeing; stain removal; laundering; clothes moths; mildewproofing; fireproofing; crafts.



LISTINGS OF GOVERNMENT PUBLICATIONS cont'd.

U. S. DEPARTMENT OF COMMERCE:

"THE BUSINESS SERVICE CHECK LIST." Weekly. \$1.00 per year domestic; \$1.75 per year foreign.

Listing, inclusive of price, of material published by the different Bureaus within the Department.

"FOREIGN COMMERCE WEEKLY." Office of Domestic Commerce. Weekly. \$6.00 per year.

Section on textiles and related products: exports, imports, foreign markets, and international trade.

"LIST OF COMMERCIAL STANDARDS." Letter Circular LC890. National Bureau of Standards. 13 pages. January 1, 1948. Free from the Bureau. Periodic revision.

Alphabetical and classified list of specifications established by the cooperative action of manufacturers, distributors and users, and promulgated through the National Bureau of Standards, for commodity grades, qualities, dimensions, or tolerances. List includes a number for textiles and textile products.

"SIMPLIFIED PRACTICE RECOMMENDATIONS." Letter Circular LC895. National Bureau of Standards. 9 pages. April 1948. Free from the Bureau. Periodic revision.

Recommendations are records of stock items, a number of which are related to textiles, retained after superfluous variety has been eliminated. Recommendations are those developed by voluntary cooperation among manufacturers, distributors, and other interests, upon initiative of any of these groups, through a procedure of the National Bureau of Standards established for that purpose.

"TECHNICAL NEWS BULLETIN." National Bureau of Standards. Monthly \$1.00 per year domestic; \$1.25 per year foreign.

Illustrated monthly which describes work, inclusive of that in textiles, in progress at the Bureau, and announces all new publications by members of the staff of the Bureau.

FEDERAL TRADE COMMISSION:

"LIST OF AVAILABLE PUBLICATIONS." Standing publication; revised periodically. November 1945 Edition: 30 pages plus mimeographed supplement to date. Free from the Commission.

Acts; annual reports; decisions; industrial corporation reports; textile industries investment and profit reports; Trade Practice Rules for the industry.

LISTINGS OF GOVERNMENT PUBLICATIONS Cont'd.

GOVERNMENT PRINTING OFFICE:

"FEDERAL SPECIFICATIONS, Federal Standard Stock Catalog." Price List 75. 52 pages. Thirteenth Edition August 1947, Free from the Superintendent of Documents. Periodic revision.

Currently available Federal Specifications setting forth requirements governing purchase of commodities within the Federal Government. Those concerned with textiles are grouped under: canvas articles; cordage, twine, and products; dry goods and notions; insulating materials; knit goods, netting, and webbing; suits and uniforms; textiles (yardage); textile products.

"MONTHLY CATALOGUE OF U. S. GOVERNMENT PUBLICATIONS." Monthly. \$3.00 per year domestic, \$3.75 foreign.

Listing of all publications issued by the various departments and agencies of the Federal Government: those for sale by the Superintendent of Documents; those available from the issuing agency, and those for official use only.

U. S. DEPARTMENT OF LABOR:

"MONTHLY LABOR REVIEW." Bureau of Labor Statistics. Monthly. \$4.50 per year.

Current statistics, hours and earnings, employment, and payroll, including those for various branches of the textile industry.

PERIODICALS

"AMERICAN DYESTUFF REPORTER." Howes Publishing Co., Inc., No. 1 Madison Avenue, New York 10, N. Y. Published every other Monday. Subscription: \$5.00 domestic; \$6.00 Canadian; \$10.00 foreign.

Official publication of the American Association of Textile Chemists and Colorists. Special articles on scientific and technical research and development in textiles, chemistry, dyes, and related fields.

"CHEMICAL ABSTRACTS." The American Chemical Society, 1155 16th Street, N. W., Washington 6, D. C. Semi-monthly. Annual subscription: \$15.00 to nonmembers, \$7.00 to members. Postage to countries not in the Pan American Union, \$2.40; Canadian postage \$0.80.

Abstracts of all scientific and technical papers containing new information of chemical interest, inclusive of that revealed in the patent literature. Abstracts related to textiles given in the sections: Dyes and Textile Chemistry; Fats, Fatty Oils, Waxes, and Detergents; Synthetic Resins and Plastics.

"CORD AGE." Cord Age Magazine, Inc., 468 Fourth Avenue, New York 16, N. Y. Monthly. Subscription: \$2.00 per year.

The official business publication of the cordage, twine, and allied industries.

PERIODICALS cont'd.

"JOURNAL OF RESEARCH OF THE NATIONAL BUREAU OF STANDARDS." Monthly. \$4.50, domestic; \$5.50 foreign.

Complete printing of scientific reports of the Bureau's research and development, both experimental and theoretical, in physics, chemistry, engineering, organic and fibrous materials, and other fields, inclusive of test and instrumentation activities.

"JOURNAL OF THE TEXTILE INSTITUTE." The Textile Institute, 16 St. Mary's Parsonage, Manchester, England. Monthly. Subscription: 70s per year.

Official journal for communications released for publication by the British textile research and industrial associations. Scientific and technical articles; comprehensive summaries of domestic and foreign publications in textiles and related fields given in "abstracts" section.

"MODERN PLASTICS." Modern Plastics, Inc., 122 East 42nd Street, New York 17, N. Y. Monthly. Subscription: \$5.00 per year; \$8.00 for 2 years in the United States, its possessions, and South America.

Information regarding current developments in the plastics industry and in the field of synthetic fibers, films, and fabrics. Technical section included.

"RAYON TEXTILE MONTHLY." Rayon Publishing Corp., 303 Fifth Ave., New York 16, N. Y. Monthly. Subscription: \$5.00 per year.

Technical authority of the industry for rayon, nylon, silk, cotton, wool, and synthetic fibers.

"TEXTILE RESEARCH JOURNAL." Textile Research Institute, Inc., and The Textile Foundation. Editorial offices: Textile Research Institute, Inc., 10 East 40th Street, New York 16, N. Y. Monthly. Subscription: \$15.00 general, additional for postage: 50 cents to Canada, \$1.00 to all other countries.

Official publication of the Textile Research Institute, Inc., and The Textile Foundation. Current studies and research in textiles and textile and allied industries; book reviews; abstracts of scientific and technical articles.

"TEXTILE WORLD." McGraw-Hill Publishing Co., Inc., 330 West 42nd Street, New York 18, N. Y. Monthly. Subscription: United States and possessions, \$2.00 per year; Canada, \$3.00.

Industrial and technical developments, achievements, technology, machinery, equipment, and management in textile and related fields.

