

## Prepares Bibliography on Oils and Fats

IN ANSWER to frequent requests for a list of reference books useful as sources of information on the properties, chemistry, biochemistry, and technology of fats, oils, and their derivatives, a selected list of books has been compiled by M. M. Piskur, chairman, Literature Review Committee, of the American Oil Chemists' Society, in cooperation with others.

### A

- Am. Oil Chemists' Soc., "Analytical Techniques," 1955 Short Course Lectures, Am. Oil Chemists' Soc., Chicago, Ill., 1955.
- Am. Oil Chemists' Soc., "Drying Oils," 1950 Short Course Lectures, Am. Oil Chemists' Soc., Chicago, Ill., 1950.
- Am. Oil Chemists' Soc., "Engineering Aspects of Processing Oil Seeds," 1953 Short Course Lectures, Am. Oil Chemists' Soc., Chicago, Ill., 1953.
- Am. Oil Chemists' Soc., "Inedible Fats and Fatty Acids," 1954 Short Course Lectures, Am. Oil Chemists' Soc., Chicago, Ill., 1954.
- Am. Oil Chemists' Soc., "Official and Tentative Methods of Analysis," Am. Oil Chemists' Soc., Chicago, Ill., 1952.
- Am. Oil Chemists' Soc., "Production and Processing of Edible Fats," 1949 Short Course Lectures (available only in October 1949 Journal), Am. Oil Chemists' Soc., Chicago, Ill., 1949.
- Am. Oil Chemists' Soc., "Soaps and Detergents," 1952 Short Course Lectures (available only in November 1952 Journal), Am. Oil Chemists' Soc., Chicago, Ill., 1952.
- Am. Soc. for Testing Materials, "A.S.T.M. Standards on Paints and Related Products," revised every three years, Am. Soc. for Testing Materials, Philadelphia, Pa.
- Am. Soc. for Testing Materials, "A.S.T.M. Standards on Soaps and Other Detergents," revised annually, Am. Soc. for Testing Materials, Philadelphia, Pa.
- Anderson, A. J. C., "Refining of Oils and Fats for Edible Purposes," Academic Press Inc., New York, 1953.
- Anderson, A. J. C., "Margarine," Pergamon Press Ltd., London, 1954.
- Arthur D. Little Inc., "Report on Survey of Alternatives for Olive Oil in Processes of Wool Manufacture," Arthur D. Little Inc., Cambridge, Mass., 1937.
- Asso. Official Agr. Chemists, "Methods of Analysis of the Association of Official Agricultural Chemists," Asso. Official Agr. Chemists, Washington, D. C., 1955.

### B

- Bailey, A. E., "Cottonseed and Cottonseed Products," Interscience Publishers Inc., New York, 1948.
- Bailey, A. E., "Melting and Solidification of Fats," Interscience Publishers Inc., New York, 1950.
- Bailey, A. E., "Industrial Oil and Fat Products," Interscience Publishers Inc., New York, 1951.
- Bailey, B. E., *et al.*, "Marine Oils," Fisheries Research Board of Canada, Ottawa, Can., 1952.
- Bennett, H., "Commercial Waxes, Natural and Synthetic," Chemical Publishing Co., New York, 1944.
- Bloor, W. R., "Biochemistry of Fatty Acids and Their Compounds, the Lipids," Reinhold Publishing Corp., New York, 1946.
- Boner, C. J., "Manufacture and Application of Lubricant Greases," Reinhold Publishing Corp., New York.
- Bull, Henry B., "Biochemistry of the Lipids," John Wiley and Sons Inc., New York, 1937.
- Burton, D., and Robertshaw, G. F., "Sulfated Oils," Chemical Publishing Co., New York, 1940.
- Butler, C., "The Fish Liver Oil Industry," Fishery Leaflet 33, Fish and Wildlife Service, U. S. Dept. of the Interior, Washington, D. C., 1948.

### C

- Cooke, E. I., "The Modern Soap and Detergent Industry," 2 vols., Technical Press, London.

### D

- Datta, R. L., "Soapmaking, the Principles and Processes," General Printers and Publishers Ltd., Calcutta, India, 1949.
- Daubert, B. F., "Fats, Oils, Detergents Yearbook 1954," Interscience Publishers Inc., New York, 1955.
- Davidsohn, J., *et al.*, "Handbuch für das Gebiet der Fette und Fettprodukte," Verlag von S. Hirzel, Leipzig, Germany, 1930.

- Davidsohn, J., *et al.*, "Soap Manufacture," 2 vols., Interscience Publishers Inc., New York, 1953.
- Dean, H. K., "Utilization of Fats," Chemical Publishing Co., New York, 1938.
- Deuel, H. J. Jr., "The Lipids," 2 vols., Interscience Publishers Inc., New York, 1951 and 1955.
- Doss, M. P., "Properties of the Principal Fats, Fatty Oils, Waxes, Fatty Acids and Their Salts," Texas Co., New York, 1952.

### E

- Eckey, E. W., "Vegetable Fats and Oils," Reinhold Publishing Corp., New York, 1954.
- Elliott, S. B., "The Alkaline-Earth and Heavy Metal Soaps," Reinhold Publishing Corp., New York, 1946.
- Ellis, Carleton, "Hydrogenation of Organic Substances," D. van Nostrand Co., New York, 1930.

### F

- Fonrobert, E., "Das Holzöl," Berliner Union G.m.b.H., Stuttgart, Germany, 1951.

### G

- Gardner, H. A., and Sward G. G., "Physical and Chemical Examination of Paint, Varnishes, Lacquers, and Colors," Henry A. Gardner Laboratory Inc., Bethesda, Md., 1946.
- Gortner, Ross Aiken, "Outlines of Biochemistry," 3rd ed., John Wiley and Sons Inc., New York, 1949.
- Grün, A., and Halden, W., "Analyse der Fette und Wachse," vol. 2, Verlag von Julius Springer, Berlin, Germany, 1929.
- Guenther, Ernest, "The Essential Oils," 6 vols., D. van Nostrand Co., New York, 1948-52.

### H

- Hall, A. J., "Modern Textile Auxiliaries," Skinner, Manchester, England, 1952.
- Harris, J. C., "Detergency Evaluation and Testing," Interscience Publishers Inc., New York, 1954.
- Hempel, Theodor, *et al.*, "Die Seife und Ihre Herstellung," Verlag für chemische Industrie, H. Ziolkowsky K. G., Augsburg, Germany, 1952.
- Herbig, "Die Öle und Fette in der Textilindustrie," Wissenschaftliche Verlagsgesellschaft M.b.H., Germany, 1929.
- Hilditch, T. P., "Chemical Constitution of Natural Fats," John Wiley and Sons Inc., New York, 1953.
- Hilditch, T. P., "The Industrial Chemistry of the Fats and Waxes," 3rd ed., D. van Nostrand Co., New York, 1949.
- Hofgaard, K., "Dilatometriske Fedtstof-Undersogelser," G.E.C. Gads Forlag, Copenhagen, Denmark, 1938.
- Holman, R. T., *et al.*, "Progress in the Chemistry of Fats and Other Lipides," 3 vols., Academic Press Inc., New York, 1952-55.
- Hunziker, O. F., "The Butter Industry," published by the author, LaGrange, Ill., 1940.

### J

- Jamieson, G. S., "Vegetable Fats and Oils," Reinhold Publishing Corp., New York, 1943.
- Jordan, L. A., *et al.*, "Oils for the Paint Industry," Paint Research Station, Teddington, England, 1951.

### K

- Kadmer, Erich, "Fettöle, Wachse, Harze und Ihre Verarbeitungsprodukte," 2nd ed., Wissenschaftliche Verlag K. G., Hannover, Germany, 1949.
- Karrer, P., and Jucker, E., "Carotinoide," Verlag Birkhäuser, Basel, Germany, 1948.
- Kartha, A. R. S., "Studies in Natural Fats," published by the author, Ernakulam, India, 1951.
- Kirschenbauer, H. G., "Fats and Oils: an Outline of Their Chemistry and Technology," Reinhold Publishing Corp., New York, 1944.
- Kleimgard, E. N., "Lubricating Greases," Reinhold Publishing Corp., New York, 1937.

### L

- Lea, C. H., "Rancidity in Edible Fats," Food Investigation Special Report No. 46, Her Majesty's Stationery Office, London, 1938.
- Lederer, E. L., "Kolloid Chemie der Seifen," T. H. Steinkopff, Dresden, Germany, 1932.

- Lettré, H., and Inhoffen, "Über Sterine, Gallensäuren, und Verwandte Naturstoffe," Verlag Ferdinand Enke, Stuttgart, Germany, 1936.
- Lewkowitzsch, J., "Chemical Technology and Analysis of Oils, Fats, and Waxes," 3 vols., Macmillan and Co. Ltd., London, 1921-22.
- Lindner, Kurt, "Textilhilfsmittel und Waschrohstoffe," Wissenschaftliche Verlagsges, Stuttgart, Germany, 1954.
- Lüde, Phil. Reinhard, "Die gewinnung von Fette und Fetten ölen," lithoprinted by Edwards Brothers, Ann Arbor, Mich., 1945.
- Lundberg, W. O., "A Survey of Present Knowledge, Researches, and Practices in the United States Concerning the Stabilization of Fats," Publication 20, Hormel Institute, University of Minnesota, 1947.
- Lüttgen, C., "Organische und Anorganische Wasch-, Bleich-, und Reinigungsmittel," Strassenbau, Chemie und Technik Verlagsges, Heidelberg, Germany, 1952.

## M

- McCutcheon, J. W., "Synthetic Detergents," MacNair-Dorland Co., New York, 1950.
- McCutcheon, J. W., "Synthetic Detergents and Emulsifiers," reprints from Soap and Chemical Specialties, July, Aug., Sept., Oct., 1955, McCutcheon, New York.
- McDowall, E. H., "The Buttermakers Manual," New Zealand University Press, Wellington, N. Z., 1954.
- Markley, K. S., "Soybean and Soybean Products," 2 vols., Interscience Publishers Inc., New York, 1950-51.
- Markley, K. S., "Fatty Acids, Their Chemistry and Physical Properties," Interscience Publishers Inc., New York, 1947.
- Mattiello, J. J., "Protective and Decorative Coatings, Paint, Varnishes, Lacquers, and Inks," 5 vols., John Wiley and Sons Inc., 1941-46.
- Mills, M. R., "An Introduction to Drying Oil Technology," Interscience Publishers Inc., New York, 1952.
- Miner, C. S., and Dalton, N. N., "Glycerol," Reinhold Publishing Corp., New York, 1953.
- Moilliet, J. L., and Collie, B., "Surface Activity. The Physical Chemistry, Technical Applications, and Chemical Constitution of Synthetic Surface-Active Agents," D. van Nostrand Co., New York, 1951.
- Morrell, R. S., and Wood, H. R., "The Chemistry of Drying Oils," D. van Nostrand Co., New York, 1925.
- Morris, N. J., and Dollear, F. G., "Abstract Bibliography of the Chemistry and Technology of Peanuts 1830-1939," Southern Regional Research Laboratory, New Orleans, La., 1949.
- Myddleton, W. W., and Barry, T. Hedley, "Fats: Natural and Synthetic," D. van Nostrand Co., New York, 1924.

## N

- National Academy of Science, "Symposium on Atherosclerosis," Publication 338, Natl. Academy of Sci., Natl. Research Council, Washington, D. C., 1954.
- Niven, W. W., "Fundamentals of Detergency," Reinhold Publishing Corp., New York, 1950.

## P

- Palmer, L. S., "Carotinoids and Related Pigments," Chemical Catalog Co. Inc., New York, 1922.
- Planck, R. W., Pack, F. C., and Skau, D. B., "Abstract Bibliography of the Chemistry and Technology of Tung Products, 1875-1950," 4 vols.

## Q

- Quartermaster Corps, Manual QMC 17-7, "Deterioration of Fats and Oils," Army Service Forces, Office of the Quartermaster General, Washington, D. C., 1945.

## R

- Ralston, A. W., "Fatty Acids and Their Derivatives," John Wiley and Sons Inc., New York, 1948.
- Riekmers, Peter F., "Die Oele und Fette in Wirtschaft und Technik, Verlag für Chemische Industrie, H. Ziolkowsky K. G., Augsburg, Germany, 1951.
- Rogers, L. A., et al., "Fundamentals of Dairy Science," Reinhold Publishing Corp., New York, 1935.

## S

- Schlenker, E., "Das Glycerin," Wissenschaftliche Verlagsgese Uschaft m.b.H., Stuttgart, Germany, 1932.
- Schönfeld, "Chemie und Technologie der Fette und Fettprodukte," vols. 1, 2, and 4, Verlag von Julius Springer, Vienna, Austria, 1936-39.

- Schwartz, A. M., and Perry, J. W., "Surface-Active Agents," Interscience Publishers Inc., New York, 1949.
- Schwitzer, M. K., "Continuous Processing of Fats," Leonard Hill Ltd., London, 1952.
- Simari, R. F., and Martinenghi, G. B., "Olive Culture and the Technology of the Olive Oil Industry," W. Hirzel, Milan, Italy, 1950.
- Singer, L., "Anorganische und Organische Entfärbungsmittel," Verlag von Theodor Steinkopff, 1929.
- Sisley, J. P., and Wood, P. J., "Encyclopedia of Surface-Active Agents," Chemical Publishing Co., New York, 1954.
- Sisley, J. P., "Index des Huiles Sulfonees et Detergents Modernes," 2 vols., Teintex, Paris, 1949-52.
- Soc. Chem. Industry, London Section, "Detergents, Wetting, and Emulsifying Agents," a symposium, Soc. Chem. Industry, London, 1951.
- Soltaft, P., "On the Consistency of Mixtures of Hardened Fats," Byarne Kristensen-Bogtrykkeri, Copenhagen, Denmark, 1947.
- Speel, Henry C., "Textile Chemicals and Auxiliaries," Reinhold Publishing Corp., New York, 1952.
- Stuepel, Helmut, "Synthetische Wasch- und Reinigungsmittel," Konradin-Verlag Robert Kohlhammer, Stuttgart, Germany, 1954.

## T

- Thomssen, E. G., and McCutcheon, J. W., "Soaps and Detergents," MacNair-Dorland Co., New York, 1949.

## U

- Ubbelohde, L., "Handbuch der Chemie und Technologie der Ole und Fette," 4 vols., Verlag von S. Hirzel, Leipzig, Germany, 1908-30.
- U. S. Federal Security Agency, "Allergy to Cottonseed and Other Oilseeds and Their Edible Derivatives," National Cottonseed Products Assoc., Memphis, Tenn., 1948.

## W

- Waterman, H. I., "Hydrogenation of Fatty Oils," Elsevier Publishing Co., New York, 1951.
- Williams, K. A., "Oils, Fats, and Fatty Foods, Their Practical Examination," 3rd ed., Blakiston Div., McGraw-Hill Book Co., New York, 1950.
- Wilster, H. G., "Practical Butter Making," 7th ed., O.S.C. Cooperative Asso., Corvallis, Ore., 1943.
- Witteoff, H., "The Phosphatides," Reinhold Publishing Corp., New York, 1951.

## Z

- Zechmeister, L., "Carotinoide," Verlag von Julius Springer, Berlin, Germany, 1934.
- Zerbe, Carl, "Mineralöle und Verwandte Produkte, ein Handbuch für das Laboratorium," Verlag von Julius Springer, Berlin, Germany, 1952.

Copies of this reference list may be obtained from the American Oil Chemists' Society, 35 E. Wacker drive, Chicago 1, Ill.

## Other Associations

The eighth technical exhibition sponsored by the Oil and Colour Chemists' Association was held March 20-22, 1956, at the Royal Horticultural Society hall, London, England.

New officers of the Inter-Society Color Council are Waldron Faulkner, president; Walter C. Granville, vice president; Ralph M. Evans, secretary; and Norman Macbeth, treasurer.

The National Chemical Exposition, moving to Cleveland for the first time since its founding in Chicago in 1940, will be held November 27-30, 1956, at the Public Auditorium in Cleveland, O. The 1956 show will be sponsored jointly by the Cleveland and Chicago sections of the American Chemical Society.

An award of \$500 has been presented by the Tall Oil Division of the Pulp Chemicals Association to Robert S. Aries and Melvin Wolkstein of the Polytechnic Institute of Brooklyn for their paper on the esterification of tall oil with glycerol. Awards of \$350 and \$100, respectively, were given to Jacobus Rinse, of Chemical Research Associates, and Paavo Kajanne, of the Institute of Technology at Helsinki, Finland.