

ADDITIONS TO THE LIBRARY OF THE CHEMICAL SOCIETY
DURING THE YEAR 1937.

ADAM, N. K. The pollution of the sea and shore by oil. London 1936. pp. 27.

ADKINS, HOMER. Reactions of hydrogen organic compounds over copper-chromium oxide and nickel catalysts. Madison 1937. pp. x + 178. ill.

ALCHEMIST, THE. See GLASGOW UNIVERSITY ALCHEMISTS' CLUB.

ALLUKRAINIAN ACADEMY OF SCIENCES. *Institute of Chemistry*. Memoirs. Vol. I. Kiev 1934-35. (*Incomplete.*)

Continued as—

UKRAINIAN ACADEMY OF SCIENCES. *Institute of Chemistry*. Memoirs. Vol. 2, etc. Kiev 1936 +. (*Reference.*)

AMBIX. See SOCIETY FOR THE STUDY OF ALCHEMY AND EARLY CHEMISTRY.

AMERICAN PUBLIC HEALTH ASSOCIATION. Year book 1936-37. New York 1937. pp. 204. ill. (*Reference.*)

AMERICAN SOCIETY FOR TESTING MATERIALS. Methods of chemical analyses of metals. Philadelphia 1936. pp. vi + 254. ill. (*Reference.*)

AMMANN, HANS. Über die Reaktion von Bichromat mit Formiat im Licht. Borna-Leipzig 1936. pp. vi + 47. ill.

ANDERSON, ROBERT J. See FUSS, V.

ARCHBUTT, S. L., and PRYTHERCH, W. E. Effect of impurities in copper. London 1937. pp. xvi + 134. ill.

ARCHIVO DI SCIENZE BIOLOGICHE. See SOCIETÀ ITALIANA DI BIOLOGIA SPERIMENTALE.

ASSOCIATION OF OFFICIAL AGRICULTURAL CHEMISTS. Official and tentative methods of analysis. 4th edition, 1935. Washington 1936. pp. xx + 710. ill.

AUSTRALIA, COMMONWEALTH OF. *Council for Scientific and Industrial Research*. C.S.I.R. Ten years of progress 1926-1936. Melbourne 1936. pp. 67. ill.

AVERY, GEORGE S. See JENSEN, P. BOYSEN.

BADGER, WALTER L., and McCABE, WARREN L. Elements of chemical engineering. 2nd edition. New York 1936. pp. xviii + 660. ill.

BAIKOV, A. A. See UNION OF SOCIALIST SOVIET REPUBLICS. *All Union Research Institute of Cement*.

BAILEY, KENNETH C. The retardation of chemical reactions. London 1937. pp. viii + 479. ill.

BAKER, WILSON. See SIDGWICK, N. V.

BALDWIN, ERNEST. An introduction to comparative biochemistry. Cambridge 1937. pp. xviii + 112. ill.

BARCLAY, A. See BOARD OF EDUCATION. *Science Museum*.

BARNARD, J. E., and WELCH, FRANK V. Practical photo-micrography. 3rd edition. London 1936. pp. xii + 352. ill.

BARNES, SIDNEY W. See RAHN, OTTO.

BARRON, HARRY. Modern rubber chemistry. London 1937. pp. 342. ill.

BASLE, SOCIETY OF CHEMICAL INDUSTRY. *Ciba Review*. No. 1, etc. Basle 1937 + (*Reference.*)

BASSETT, HENRY NORMAN. Bearing metals and alloys. London 1937. pp. xiv + 428. ill.

BAYEN, [PIERRE], and CHARLARD, [LOUIS MARTIN]. Recherches chimiques sur l'étain, faites et publiées par ordre du gouvernement; ou réponse à cette question: Peut-on sans aucun danger employer les vaisseaux d'étain dans l'usage économique? Paris 1781. pp. viii + 285. (*Reference.*)

BEARD, E. H. See IMPERIAL INSTITUTE. *Mineral Resources Department*.

BELL, L. T. M. The making and moulding of plastics. London 1936. pp. viii + 238. ill.

BELL, R. P. See BRÖNSTED, J. N.

BELL, [SIR WILLIAM JAMES.] Sale of food and drugs. 9th edition. By R. A. ROBINSON. London 1937. pp. xxviii + 321 + 37.

BERGMAN, [TORBERN OLOF]. *Traité des affinités chimiques, ou attractions électives; traduit du Latin. Augmenté d'un supplément et de notes*. Paris 1788. pp. [viii] + 444 + [ii] + 3 folding tables and 4 folding plates. (*Reference.*)

— See SCHEEL, CARL WILHELM.

BERNHAEUER, KONRAD. *Gärungschemisches Praktikum*. Berlin 1936. pp. xviii + 249. ill.

BHATTACHARYA, R. See INDIAN LAC CESS COMMITTEE. *London Shellac Research Bureau*. Technical Paper No. 12.

BINEAU, AMAND. See DUMAS, JEAN BAPTISTE.

BINKLEY, ROBERT C. Manual on methods of reproducing research materials. Ann Arbor 1936. pp. xiv + 207. ill. (*Reference.*)

- BIOCHIMIA. Vol. 1, etc. Moscow 1936 +. [In Russian. Summaries in English, French, and German.] (*Reference.*)
- BLAKE, JOHN T. See DAVIS, CARROLL C.
- BLOCH, OLAF. Criminal investigation and evidence by photography. London [1937]. pp. iv + 31. ill. (*Reference.*)
- BOARD OF EDUCATION. *Science Museum*. Pure chemistry: a brief outline of its history and development, and handbook of the collections. 2 parts. By A. BARCLAY. London 1937. pp. 74, 82. ill.
- — — Very low temperatures. Books 2 and 3. By T. C. CRAWHALL and O. KANTOROWICZ. London 1937. pp. 59, 73. ill.
- BOMBAY PRESIDENCY. *Department of Industries*. Bulletin No. 10. Possibility of production of aluminium in Bombay. By M. S. PATEL. Bombay 1936. pp. iv + 27.
- BOMKE, HANS. Vakuumspektroskopie. Leipzig 1937. pp. x + 248. ill.
- BOYS, SIR CHARLES VERNON. Weeds, weeds, weeds. London [1937]. pp. 69.
- BRAGG, W. L. Atomic structure of minerals. [Ithaca] 1937. pp. xiv + 292. ill.
- BRIEGLEB, GÜNTHER. Zwischenmolekulare Kräfte und Molekülstruktur. (Sammlung, N.F. Heft 37.) Stuttgart 1937. pp. 308. (*Reference.*)
- BRITISH DRUG HOUSES, LTD., and HOPKIN & WILLIAMS, LTD. "Analar" standards for laboratory chemicals. 2nd edition. London 1937. pp. xx + 296. (Two copies.)
- BRITISH PHARMACOPOEIA 1932. Addendum 1936. London 1936. pp. xxvi + 132. (*Reference.*)
- BRITISH PLASTICS YEAR BOOK 1937. London 1937. pp. 601. ill. (*Reference.*)
- BRITISH STANDARDS INSTITUTION. British Standard Specifications No. 188—1937 (Revised). Determination of viscosity of liquids in absolute (C.G.S.) units. pp. 35. ill.
- — — No. 615—1936. Kohlrausch flasks. pp. 10. ill.
- — — No. 700—1937. Graduated pipettes and straight pipettes. pp. 34. ill.
- — — No. 718—1936. Density hydrometers. pp. 52. ill.
- — — No. 730—1937. Sizes for paper. pp. 9.
- — — No. 733—1937. Density bottles. pp. 16. ill.
- — — No. 734—1937. Density hydrometers for use in milk. pp. 73. ill.
- — — No. 735—1937. Sampling and analysis of coal and coke for performance and efficiency tests on industrial plant. pp. 77. ill.
- — — No. 736—1937. Centrifuge tubes and sedimentation vessels for the determination of visible dirt in milk. pp. 13. ill.
- BRITISH STANDARDS INSTITUTION. British Standard Specifications No. 740—1937. Portable chemical extinguishers, foam, and tetrachloride, type. pp. 17.
- — — No. 745—1937. Joiners' glue (cake or powder, jelly or liquid, and casein glue). pp. 17. ill.
- — — No. 748—1937. Hæmacytometer counting chambers and hæmacytometer dilution pipettes. pp. 21. ill.
- — — No. 753—1937. Density-composition tables for aqueous solutions of sulphuric acid for use in conjunction with British standard density hydrometers. pp. 68.
- — — No. 755—1937. Apparatus and methods for the determination of the percentage of fat in milk and milk products by the Babcock method. 2 parts. pp. 48, 31. ill.
- — — No. 756—1937. Apparatus for the determination of small quantities of water by distillation with an immiscible liquid. pp. 13. ill.
- — — No. 757—1937. Methods for testing gelatin. pp. 34. ill.
- BRÖNSTED, J. N. Physical chemistry. Translated . . . by R. P. BELL. London 1937. pp. xvi + 390. ill.
- BROWNING, ETHEL. See MEDICAL RESEARCH COUNCIL. *Industrial Health Research Board*. Report No. 80.
- BRÜCKNER, HORST. Technische Gase und deren Eigenschaften. München 1937. pp. xii + 146 + 206. ill.
- BRUNI, GIUSEPPE, with the collaboration of G. R. LEVI. *Chimica generale ed inorganica*. 4th edition. Milano 1937. pp. xvi + 594. ill.
- BRYAN, J. M. See DEPARTMENT OF SCIENTIFIC AND INDUSTRIAL RESEARCH. *Food Investigation*. Special Report No. 44.
- BUDKEVICH, H. See UNION OF SOCIALIST SOVIET REPUBLICS. *All Union Research Institute of Cement*.
- BULL, HENRY B. The biochemistry of the lipids. New York 1937. pp. x + 169. ill.
- BURGERS, W. G. See HOUWINK, R.
- BURK, ROBERT E. [and others]. Polymerization and its applications in the fields of rubber, synthetic resins, and petroleum. (American Chemical Society, Monograph Series.) New York 1937. pp. 312. ill.
- BURKHARDT, ARTHUR. Technologie der Zinklegierungen. Berlin 1937. pp. x + 256. ill.
- BURROUGH, E. J. See CANADA. *Department of Mines and Resources*.
- BUTCHER, R. W. See DEPARTMENT OF SCIENTIFIC AND INDUSTRIAL RESEARCH. *Water Pollution Research*. Technical Paper No. 6.

- BUZÁGH, A. VON. Colloid systems: a survey of the phenomena of modern colloid physics and chemistry. Translated by OTTO B. DARBISHIRE. Edited by WILLIAM CLAYTON. London 1937. pp. xx + 311. ill.
- CANADA. *Department of Mines and Resources*. Fuel briquetting. By R. A. STRONG, E. SWARTZMAN and E. J. BURROUGH. Ottawa 1937. pp. vi + 100. ill.
- *Department of the Interior*. Forest Service. Canadian woods, their properties and uses. By T. A. McELHANNEY and associates. Ottawa 1935. pp. xvi + 345. ill.
- *National Research Council*. Bulletin No. 18. Chemical weed killers: a review. By W. H. COOK and A. C. HALFERDAHL. Ottawa 1937. pp. 111.
- CANDLER, A. C. Atomic spectra and the vector model. 2 vols. Cambridge 1937. pp. viii + 237, vi + 279. ill.
- CARTWRIGHT, W. COLLIER, T. W., and CHARLESWORTH, A. The analysis of non-ferrous metals and alloys. London 1937. pp. x + 296.
- CATHCART, E. P. See MEDICAL RESEARCH COUNCIL. Special Report Series, No. 218.
- CAVELL, A. C. See LOWRY, T. M.
- CAVEN, R. M., and LANDER, G. D. Systematic inorganic chemistry from the standpoint of the periodic law. 5th edition. Revised by A. B. CRAWFORD. London 1936. pp. xxvi + 546.
- CAWLEY, C. M. See DEPARTMENT OF SCIENTIFIC AND INDUSTRIAL RESEARCH. *Fuel Research*. Technical Paper No. 45.
- CHAMPION, F. C., and DAVY, N. Properties of matter. London 1936. pp. xiv + 296. ill.
- CHAPTAL, J[EAN] A[NTOINE CLAUDE]. Elements of chemistry. Translated from the French. London 1791. pp. viii + lxviii + 295, xii + 488, viii + 408 + [v]. (*Reference*.)
- CHARLARD, LOUIS MARTIN. See BAYEN, PIERRE.
- CHARLESWORTH, A. See CARTWRIGHT, W.
- CHEMICAL ENGINEERING CONGRESS. See WORLD POWER CONFERENCE.
- CHEMIE-INGENIEUR, DER. Vol. III. Part I. Physikalisch-chemische und wirtschaftliche Gesichtspunkte für die Durchführung chemischer Operationen. By A. EUCKEN [and others.] Leipzig 1937. pp. xvi + 564. ill.
- CHIKASHIGE, MASUMI. Alchemy and other achievements of the ancient Orient. The civilization of Japan and China in early times as seen from the chemical point of view. Tokyo 1936. pp. x + 102. ill.
- CHOLNOKY, L. V. See ZECHMEISTER, L.
- CIBA REVIEW. See BASLE, SOCIETY OF CHEMICAL INDUSTRY.
- CILLEULS, J. DES. See IZARD, L.
- CLARK, C. H. DOUGLAS. The fine structure of matter. The bearing of recent work on crystal structure, polarization and line spectra. Being Vol. II of a comprehensive treatise of atomic and molecular structure. Part 1. X-rays and the structure of matter. London 1937. pp. xxxvi + 216 + xxxvii to lxxii. ill.
- CLAYTON, WILLIAM. See BUZÁGH, A. VON.
- COCHRAN, W. G. See RUSSELL, SIR E. JOHN.
- COGHILL, ROBERT D., and STURTEVANT, JULIAN M. An introduction to the preparation and identification of organic compounds. New York 1936. pp. xiv + 226. ill.
- COLLIER, T. W. See CARTWRIGHT, W.
- COMBER, NORMAN M. An introduction to the scientific study of the soil. 3rd edition. London 1936. pp. viii + 206. ill.
- COMMITTEE ON THE TOXICITY OF INDUSTRIAL SOLVENTS. See MEDICAL RESEARCH COUNCIL. *Industrial Health Research Board*. Report No. 80.
- CONN, H. J. Biological stains. 3rd edition. Geneva, N.Y. 1936. pp. 276.
- COOK, W. H. See CANADA. *National Research Council*. Bulletin No. 18.
- COPPER DEVELOPMENT ASSOCIATION. Copper in chemical plant. London 1936. pp. 68. ill.
- CORK. *University College*. Agricultural Bulletin No. 4. Oils from Irish grown plants. Preliminary report. By JOSEPH REILLY and DENIS F. KELLY. Cork 1937. pp. 92. ill.
- CRAFTS, WALTER. See KINZEL, A. B.
- CRAWFORD, A. B. See CAVEN, R. M.
- CRAWHALL, T. C. See BOARD OF EDUCATION. *Science Museum*.
- CRONSHAW, H. B. See INTERNATIONAL TIN RESEARCH AND DEVELOPMENT COUNCIL. Information Circular No. 2.
- CUMMING, WILLIAM M., HOPPER, I. VANCE, and WHEELER, T. SHERLOCK. Systematic organic chemistry: modern methods of preparation and estimation. 3rd edition. London 1937. pp. xxvi + 547. ill.
- CURRIE, J. R. Manual of public health laboratory practice. Edinburgh 1936. pp. xx + 378. ill.
- DANIELS, E. J. See INTERNATIONAL TIN RESEARCH AND DEVELOPMENT COUNCIL. Technical Publications. Series B. Nos. 3 and 5.
- DARBISHIRE, OTTO B. See BUZÁGH, A. VON.
- DAVIS, CARROLL C., and BLAKE, JOHN T. [Editors.] The chemistry and technology of rubber. (American Chemical Society, Monograph Series.) New York 1937. pp. 941. ill.
- DAVY, N. See CHAMPION, F. C.
- DAW, E. BERYL. See PREGL, FRITZ.

- DE, RAJENDRALAL. Twin elements in Travancore monazite. Dacca 1937. pp. 18.
- DEANS, W. M. See EWALD, P. P.
- DELAVAUULT, ROBERT. L'oxydation du magnésium à l'état liquide. Paris 1936. pp. viii + 94. ill.
- DEPARTMENT OF SCIENTIFIC AND INDUSTRIAL RESEARCH. Magnesium and its alloys. By J. L. HAUGHTON and W. E. PRYTHERCH. London 1937. pp. viii + 100. ill.
- Methods for the detection of toxic gases in industry. Leaflet No. 1. Hydrogen sulphide. London 1937. pp. iv + 6. ill.
- Report of test . . . on the carbonising plant of Coal and Allied Industries, Ltd., at Seaham Harbour, County Durham. London 1937. pp. iv + 33. ill.
- Report of test . . . on the plant of the National Coke and Oil Company, Ltd., at Erith, Kent. London 1937. pp. vi + 54. ill.
- *Building Research*. Bulletin No. 15. Lightweight concrete aggregates. By F. M. LEA. London 1936. pp. iv + 13.
- — Special Report No. 25. The use of asphalt mastic for roofing. By C. M. WATKINS and C. M. GOUGH. London 1937. pp. viii + 40. ill.
- *Food Investigation*. Special Report No. 44. 2nd Report on the corrosion of the tinplate container by food products. By T. N. MORRIS and J. M. BRYAN. London 1936. pp. vi + 54. ill.
- — Special Report No. 45. Microbiology in the preservation of animal tissues. By R. B. HAINES. London 1937. pp. iv + 85. ill.
- *Forest Products Research*. A handbook of home-grown timbers. London 1936. pp. iv + 46.
- — Record No. 14. (Mycology Series No. 1.) Dry rot investigation in an experimental house. By W. P. K. FINDLAY. London 1937. pp. ii + 14. ill.
- — Record No. 17. (Wood Preservation Series No. 3.) Wood preservatives. By N. A. RICHARDSON. London 1937. pp. iv + 13.
- *Fuel Research*. Physical and chemical survey of the national coal resources, No. 36. The Northumberland and Durham coalfield. The Beaumont seam. Part i.—Northumberland area. London 1936. pp. vi + 68. ill.
- — Technical Paper No. 45. The hydrogenation-cracking of tars. Part 3. The effect of certain variables in a continuous plant. By C. M. CAWLEY and J. G. KING. London 1937. pp. vi + 45. ill.
- — Technical Paper No. 46. The use of coke in open domestic grates. By J. S. HALES. London 1937. pp. vi + 50. ill.
- DEPARTMENT OF SCIENTIFIC AND INDUSTRIAL RESEARCH. *Road Research*. Technical Paper No. 4. The control of the moisture content of aggregates for concrete, introducing a new vibration method. By F. N. SPARKES. London 1936. pp. vi + 26. ill.
- *Water Pollution Research*. Technical Paper No. 6. Survey of the River Tees. Part 3. The non-tidal reaches—chemical and biological. By R. W. BUTCHER, J. LONGWELL, and F. T. K. PENTELOW. London 1937. pp. xiv + 189. ill. (*Reference*.)
- DÉRIBÉRÉ, MAURICE. Le titane et ses composés dans l'industrie. Paris 1936. pp. iv + 154. ill.
- DESCH, CECIL H. Metallography. 4th edition. London 1937. pp. viii + 402. ill.
- DEUTSCHE GESELLSCHAFT FÜR GESCHICHTE DER MEDIZIN, NATURWISSENSCHAFT UND TECHNIK. Julius Ruska und die Geschichte der Alchemie mit einem vollständigen Verzeichnis seiner Schriften. Festgabe zu seinem 70. Geburtstag. Berlin 1937. pp. 40.
- DHÉRÉ, CH. La fluorescence en biochimie. Paris 1937. pp. xii + 318 + 27 plates.
- DIETRICH, BARON PHILIPP FRIEDRICH. See SCHEELE, CARL WILHELM.
- DONNAN, F. G., and HAAS, ARTHUR. [Editors.] A commentary on the scientific writings of J. WILLARD GIBBS. 2 vols. New Haven 1936. pp. xxiv + 742, xx + 605. ill.
- DORNBLATT, ALBERT J. See WOLDMAN, NORMAN E.
- DORR, JOHN V. N. Cyanidation and concentration of gold and silver ores. New York 1936. pp. x + 485. ill.
- DOUGALL, J. See EWALD, P. P.
- DOUTHWAITE, A. H. See HALE-WHITE, WILLIAM.
- DULAC, ROGER. Industrial cold adhesives. English edition by JOSEPH L. ROSENBAUM. London 1937. pp. xii + 192.
- DUMAS, [JEAN BAPTISTE.] Leçons sur la philosophie chimique professées au Collège de France [en 1836]. Collected by [AMAND] BINEAU. Paris [1837]. pp. [iv] + 430. (*Reference*.)
- Mémoire sur les équivalents des corps simples. [Extrait des *Ann. Chim. Phys.*, [iii], 55.] Paris 1859. pp. ii + 82. ill.
- DUPONT, G. Cours de chimie industrielle. Vol. IV. Industries organiques. Paris 1937. pp. iv + 250. ill.
- EDDINGTON, SIR ARTHUR. Relativity theory of protons and electrons. Cambridge 1936. pp. viii + 336.
- EGLOFF, GUSTAV. The reactions of pure hydrocarbons. (American Chemical Society, Monograph Series.) New York 1937. pp. xviii + 897. ill.

- ELLIS, CARLETON. See MCFADYEN, A. D.
- EUCKEN, A. See CHEMIE-INGENIEUR, DER.
- EVANS, C. LOVATT. See STARLING, ERNEST HENRY.
- EVANS, P., and REID, A. Drilling mud: its manufacture and testing. (From the *Trans. Min. Geol. Inst., India*, 1936, 32.) pp. 263 + xxx. ill.
- EVANS, ULICK R. Metallic corrosion, passivity and protection. London 1937. pp. xxiv + 720. ill.
- EVERETT, MARK R., and SHEPPARD, FAY. Oxidation of carbohydrates in acid solution. Oklahoma 1936. pp. vi + 66.
- EWALD, P. P., PÖSCHL, TH., and PRANDTL, L. The physics of solids and fluids, with recent developments. Authorized translation by J. DOUGALL and W. M. DEANS. 2nd edition. London 1936. pp. xiv + 396. ill.
- FEATHER, N. An introduction to nuclear physics. Cambridge 1936. pp. x + 213. ill.
- FEDERATED MALAY STATES. *Institute for Medical Research*. Bulletin No. 1 of 1936. The carotene content of Malayan palm oil. By I. A. SIMPSON. Kuala Lumpur 1936. pp. 14. ill.
- FEIGL, FRITZ. Qualitative analysis by spot tests: inorganic and organic applications. Translated by JANET W. MATTHEWS. Amsterdam 1937. pp. x + 400. ill.
- FICKLEN, JOSEPH B. See ZHITKOVA, A. S.
- FIESER, L. F. The chemistry of natural products related to phenanthrene. Appendix. New York 1937. pp. 339 to 456.
- FINCH, G. I., and WILMAN, H. The study of surface structure by electron diffraction. (From the *Ergeb. exakt. Naturw.*, 1937, 16.) pp. [84]. ill.
- FINCKE, HEINRICH. *Handbuch der Kakaoerzeugnisse. Ihre Geschichte, Rohstoffe, Herstellung, Beschaffenheit, Zusammensetzung, Anwendung, Wirkung, gesetzliche Regelung und Zählberichte*. Berlin 1936. pp. xvi + 570. ill.
- FINDLAY, ALEXANDER. A hundred years of chemistry. London 1937. pp. 352. ill.
- FINDLAY, W. P. K. See DEPARTMENT OF SCIENTIFIC AND INDUSTRIAL RESEARCH. *Forest Products Research*. Record No. 14.
- FISCAL POLICY JOINT COMMITTEE, BRASS, COPPER AND NICKEL SILVER COMMITTEE. Bismuth in copper. [Birmingham 1935.] pp. 3.
- FISHER, GEORGE J. B. See PRENTISS, AUGUSTIN M.
- FORSTER, SIR MARTIN. See INSTITUTE OF CHEMISTRY OF GREAT BRITAIN AND IRELAND.
- FOWLER, R. H. *Statistical mechanics*. 2nd edition. Cambridge 1936. pp. x + 864. ill.
- FOWLES, GEORGE. *Lecture experiments in chemistry*. London 1937. pp. xvi + 564. ill.
- FRANKENBURGER, WALTER. *Katalytische Umsetzungen in homogenen und enzymatischen Systemen*. Leipzig 1937. pp. xii + 444.
- FRICKE, R., and HÜTTIG, G. F. *Hydroxyde und Oxyhydrate*. See HANDBUCH DER ALLGEMEINEN CHEMIE. Vol. IX.
- FRIEDMANN, E. Sterols and related compounds: a series of three lectures. Cambridge 1937. pp. x + 100.
- FRIEND, JOHN NEWTON, [Editor.] *A textbook of inorganic chemistry*. Vol. XI. Part 4. Derivatives of selenium, tellurium, chromium, and platinum. By ARCHIBALD EDWIN GODDARD. London 1937. pp. xxviii + 292. (Two copies.)
- FUSS, V. *Metallography of aluminium and its alloys*. Translated from the German by ROBERT J. ANDERSON. [Cleveland, Ohio] 1936. pp. xiv + 424. ill.
- GAMOW, G. *Structure of atomic nuclei and nuclear transformations*. 2nd edition of "Constitution of atomic nuclei and radioactivity." Oxford 1937. pp. xii + 270. ill.
- GARDNER, W. H. See INDIAN LAC RESEARCH INSTITUTE. Bulletin No. 25.
- GARNER, F. H. See INSTITUTION OF PETROLEUM TECHNOLOGISTS.
- GATTERMANN, L. *Laboratory methods of organic chemistry*. Revised by HEINRICH WIELAND. Translated from the 24th German edition by W. MCCARTNEY. London 1937. pp. xvi + 435. ill.
- GAZAN, M. H. *Flavours and essences: a handbook of formulæ*. London 1936. pp. viii + 115. ill. (*Reference*.)
- GEYER, JOHN C., and PERRY, WILLIAM A. *Textile waste treatment and recovery*. Washington 1936. pp. 118. ill.
- GIBBS, J. WILLARD. See DONNAN, F. G.
- GIBSON, CHARLES S. *Essential principles of organic chemistry*. Cambridge 1936. pp. viii + 548. ill.
- GLASGOW UNIVERSITY ALCHEMISTS' CLUB. *The Alchemist*. Vol. XII. Special No. [Memento of GEORGE GERALD HENDERSON.] Glasgow 1937. pp. 20. ill.
- GLASSTONE, SAMUEL. *The electrochemistry of solutions*. 2nd edition. London 1937. pp. xii + 551. ill.
- See INSTITUTE OF CHEMISTRY OF GREAT BRITAIN AND IRELAND.
- GLOVER, P. M. See INDIAN LAC RESEARCH INSTITUTE. Bulletin No. 23.
- GNEZDA, JULIUS. *Neue Versuche und Ausführungen zur Zahl der Affinitätseinheiten der Elemente*. Zagreb 1937. pp. 17.

- GODDARD, ARCHIBALD EDWIN. See FRIEND, JOHN NEWTON.
- GOODMAN, HERMAN. Cosmetic dermatology. With dictionary of ingredients; discussion of anatomic, physiologic, and pharmacologic bases of cosmetic application [etc.]. New York 1936. pp. xvi + 591. (Reference.)
- GOUGH, C. M. See DEPARTMENT OF SCIENTIFIC AND INDUSTRIAL RESEARCH. *Building Research*. Special Report No. 25.
- GRANT, JULIUS. Books and documents: dating, permanence and preservation. London 1937. pp. xii + 218. ill.
- GREEN, DAVID E. See NEEDHAM, JOSEPH.
- GREENWOOD, H. See INTERNATIONAL TIN RESEARCH AND DEVELOPMENT COUNCIL. Technical Publications. Series A. No. 58.
- GRIFFITH, R. H. The mechanism of contact catalysis. Oxford 1936. pp. xii + 208. ill.
- GROVES, A. W. Silicate analysis. A manual for geologists and chemists, with chapters on check calculations and geochemical data. London 1937. pp. xxii + 230. ill.
- GUERTLER, W. See INTERNATIONAL TIN RESEARCH AND DEVELOPMENT COUNCIL. Technical Publications. Series A. No. 50.
- [GUILLET, LEON, and others.] A la mémoire de Henry Le Chatelier, 1850-1936. (*Rev. Met.*, 1937, Special No.) pp. iv + 160. ill.
- GURNEY, R. W. Ions in solution. Cambridge 1936. pp. viii + 206. ill.
- GUSTAVSON, K. H. [Editor.] *Stiasny Festschrift*. Darmstadt 1937. pp. 432. ill.
- HAAS, ARTHUR. See DONNAN, F. G.
- HADDAN, REGINALD. Patents for inventions: a concise guide for inventors and patentees. London 1937. pp. viii + 99.
- HADERT, HANS. Kaseinleim und Kasein-farbenbindemittel. 2nd edition. Berlin 1937. pp. 124. ill.
- HAHN, OTTO. Applied radiochemistry. Ithaca 1936. pp. xii + 278. ill.
- HAINES, R. B. See DEPARTMENT OF SCIENTIFIC AND INDUSTRIAL RESEARCH. *Food Investigation*. Special Report No. 45.
- HAITINGER, MAX. Die Fluoreszenzanalyse in der Mikrochemie. Wien 1937. pp. viii + 192.
- HALE-WHITE, WILLIAM. *Materia medica, pharmacy, pharmacology, and therapeutics*. 23rd edition. Revised by A. H. DOUTHWAITE. London 1937. pp. xii + 562.
- HALES, J. S. See DEPARTMENT OF SCIENTIFIC AND INDUSTRIAL RESEARCH. *Fuel Research*. Technical Paper No. 46.
- HALES, STEPHEN. Vegetable statics: or, an account of some statical experiments on the sap in vegetables: being an essay towards a natural history of vegetation. Also, a specimen of an attempt to analyse the air, by a great variety of chymico-statical experiments; which were read at several meetings before the Royal Society. London 1727. pp. [vii] + ix + 376. ill. (Reference.)
- HALFERDAHL, A. C. See CANADA. *National Research Council*. Bulletin No. 18.
- HALL, SIR A. D. The feeding of crops and stock. 2nd edition. 3 parts. London 1937. pp. x + 120, x + 122, xii + 108. ill.
- HAND- UND JAHRBUCH DER CHEMISCHEN PHYSIK. Vol. I. Part 2. Quantentheorie des Elektrons und der Strahlung. By H. A. KRAMERS. Leipzig [1937]. pp. xii, 223 to 502.
- HANDBUCH DER ALLGEMEINEN CHEMIE. Vol. IX. Hydroxyde und Oxyhydrate. By R. FRICKE and G. F. HÜTTIG. Leipzig 1937. pp. xx + 641. ill. (Reference.)
- HANSLIAN, RUDOLF. [Editor.] *Der chemische Krieg*. 3rd edition. Vol. I. Berlin 1937. pp. xvi + 779. ill. (Two copies.)
- HANSON, D. See INTERNATIONAL TIN RESEARCH AND DEVELOPMENT COUNCIL. Technical Publications. Series A. No. 55.
- HARTRIDGE, H. See STARLING, ERNEST HENRY.
- HASELDEN, R. B. Scientific aids for the study of manuscripts. London 1935. pp. x + 108. ill.
- HATTORI, SHIZUO. Plant colouring matters. Tokyo 1936. pp. 10 + 618 + 98. [In Japanese.]
- HAUGHTON, J. L. See DEPARTMENT OF SCIENTIFIC AND INDUSTRIAL RESEARCH.
- HAYNES, WILLIAMS. [Editor.] *The Chemical Who's Who*. Vol. II: 1937. New Haven 1937. pp. 543. (Reference.)
- HEDGES, ERNEST S. Protective films on metals. 2nd edition. London 1937. pp. xvi + 397. ill.
- See INTERNATIONAL TIN RESEARCH AND DEVELOPMENT COUNCIL. *Miscellaneous Publications*. No. 6.
- HEIMANN, PAUL. Recherches sur la synthèse de la 2-4-dihydroxyquinoléine et de ses dérivés. Contribution à l'étude de leur constitution. Dijon 1937. pp. 68.
- HENDERSON, GEORGE GERALD. See GLASGOW UNIVERSITY ALCHEMISTS' CLUB.
- HERZBERG, GERHARD. Atomic spectra and atomic structure. Translated with the cooperation of the author by J. W. T. SPINKS. [New York] 1937. pp. xvi + 257. ill.
- HETHERINGTON, A. L. Chinese ceramic glazes. Cambridge 1937. pp. x + 76. ill.
- HIGINBOTHAM, H. The industrial application of colloidal graphite. (From the *Trans. Liverpool Eng. Soc.*, 1935, 56.)

- HISCOX, GARDNER D. [Editor]. *Henley's twentieth century book of formulas, processes and trade secrets*. 1937 revised and enlarged edition. By T. O'CONNOR SLOANE. New York 1937. pp. xxii, xiv, 9 to 883. ill. (*Reference*.) \$4.
- HITCHCOCK, FRANK LAUREN, and ROBINSON, CLARK SHOVE. *Differential equations in applied chemistry*. 2nd edition. New York 1936. pp. viii + 120.
- HOAR, T. P. See INTERNATIONAL TIN RESEARCH AND DEVELOPMENT COUNCIL. Technical Publications. Series A. No. 49.
- HOARE, W. E. See INTERNATIONAL TIN RESEARCH AND DEVELOPMENT COUNCIL. Technical Publications. Series B. No. 4.
- HÖRETH, ADOLF. *Die deutsche Gärungs-essig-Industrie: ihre geschichtliche Entwicklung und ihre Bedeutung innerhalb der deutschen Volkswirtschaft*. Würzburg 1935. pp. x + 95.
- HOFMANN, A. W. See LIEBIG, JUSTUS.
- HOHN, HANS. *Chemische Analysen mit dem Polarographen*. Berlin 1937. pp. viii + 102. ill.
- HOLMES, ERIC. *The metabolism of living tissues*. Cambridge 1937. pp. xii + 235.
- HOME OFFICE. *Air Raid Precautions Department*. Circulars to County Councils, etc. London 1935 +.
- Handbooks. Nos. 1, 2 (2nd edition), 3, 4, 6, 7 (2nd edition). London 1936—37.
- Memorandums. Nos. 1 (2nd edition), 2 (2nd edition), 3, 4, 5. London 1936—37.
- HOMER, C. E. See INTERNATIONAL TIN RESEARCH AND DEVELOPMENT COUNCIL. Miscellaneous Publications. No. 6. Technical Publications. Series A. No. 57.
- HONDA, KOTARÔ. *Anniversary volume on the completion of twenty-five years of his Professorship*. Sendai 1936. [*Sci. Rep., Tohoku Imp. Univ.*]
- HOPKIN & WILLIAMS, LTD. See BRITISH DRUG HOUSES, LTD.
- HOPKINS, EDWARD S. *Water purification control*. [2nd edition. Baltimore] 1936. pp. x + 184. ill.
- HOPKINS, SIR FREDERICK GOWLAND. See NEEDHAM, JOSEPH.
- HOPKINS, R. H., and KRAUSE, B. *Biochemistry applied to malting and brewing*. London 1937. pp. 342.
- HOPPER, I. VANCE. See CUMMING, WILLIAM M.
- HOUWINK, R. *Elasticity, plasticity, and structure of matter*. With a chapter on the plasticity of crystals by W. G. BURGERS. Cambridge 1937. pp. xviii + 376. ill.
- HOWAT, G. R. See INTERNATIONAL TIN RESEARCH AND DEVELOPMENT COUNCIL. Technical Publications. Series A. No. 49.
- HOWLING, G. E. See IMPERIAL INSTITUTE. *Mineral Resources Department*.
- HÜTTIG, G. F. See HANDBUCH DER ALLGEMEINEN CHEMIE. Vol. IX.
- HUGHES, A. C. See SPIELMANN, PERCY EDWIN.
- HYDRAULIC INSTITUTE. *Standards*. [7th edition.] New York 1936—37. pp. [176]. ill. (*Reference*.)
- IMPERIAL INSTITUTE. *Mineral Resources Department*. 'The mineral position of the British Empire'. London 1937. pp. 166. (*Reference*.)
- Reports on the mineral resources of the British Empire and foreign countries. Asbestos. 2nd edition. By G. E. HOWLING. London 1937. pp. 88.
- Barium minerals. 2nd edition. By J. SIMPSON. London 1937. pp. 84.
- Strontium minerals. 2nd edition. By E. H. BEARD. London 1937. pp. 33.
- INDIA. *Society of Biological Chemists*. Proceedings. Vol. I, etc. Bangalore 1936 +. (*Reference*.)
- INDIA RUBBER WORLD. *Compounding ingredients for rubber*. New York 1936. pp. 225. (*Reference*.)
- INDIAN LAC CESS COMMITTEE. *London Shellac Research Bureau*. Technical Paper No. 11. Viscosity of lac and hard lac resin solutions. By LAL C. VERMAN. London 1937. pp. 19. ill.
- Technical Paper No. 12. Modification of lac with higher fatty acids and their mixed glycerol esters. Part i. By R. BHATTACHARYA. London 1937. pp. 16. ill.
- INDIAN LAC RESEARCH INSTITUTE. Bulletin No. 23. Some simple methods of reducing the damage done by insect enemies to the lac crops. By P. M. GLOVER. Calcutta 1936. pp. 4.
- Bulletin No. 25. Use of the quinhydrone and antimony electrodes for potentiometric titrations of resin solution. By N. N. MURTY, H. WEINBERGER, and W. H. GARDNER. Calcutta 1936. pp. 4. ill.
- INSTITUTE OF CHEMISTRY OF GREAT BRITAIN AND IRELAND. A chapter in the chemistry of essential oils. By JOHN READ. 19th Stratfield Memorial Lecture. London 1936. pp. 34. ill.
- An experiment in co-operative research in the cotton and other textile industries. By SIR ROBERT H. PICKARD. 8th Gluckstein Memorial Lecture. London 1936. pp. 19. ill.

INSTITUTE OF CHEMISTRY OF GREAT BRITAIN AND IRELAND. "Chemical changes and chances." By SIR MARTIN FORSTER. 20th Streatfeild Memorial Lecture. London 1937. pp. 21.

— Gas defence from the point of view of the chemist. By J. DAVIDSON PRATT. London 1937. pp. 24.

— Oxidation-reduction potentials and their applications. By SAMUEL GLASSTONE. London 1937. pp. 28.

INSTITUTION OF PETROLEUM TECHNOLOGISTS. Petroleum technology in 1936. Edited by F. H. GARNER. London 1937. pp. viii + 326. ill. (*Reference.*)

INTERNATIONAL ALUMINIUM BUREAU. Aluminium in the chemical and food industries. London [1936]. pp. 121. ill.

INTERNATIONAL SOCIETY OF LEATHER TRADES' CHEMISTS. Wetting and detergency: scientific and technical aspects. London 1937. pp. vi + 210. ill.

INTERNATIONAL TIN RESEARCH AND DEVELOPMENT COUNCIL. Bulletin No. 5. Le fer-blanc et les conserves en France. London 1937. pp. 94. ill. (*Reference.*)

— Information Circular No. 2. The wholesomeness of canned foods. By H. B. CRONSHAW. London 1937. pp. 16. ill.

— Miscellaneous Publications. No. 6. The rôle of technical information in industrial research and development. By C. E. HOMER and E. S. HEDGES. (From the *Comm. Congrès Mondial Doc. Univ.*, 1937.)

— Technical Publications. Series A. No. 49. Discoloration and corrosion in canned cream. By C. P. JACKSON, G. R. HOWAT, and T. P. HOAR. (From the *J. Dairy Research*, 1936, 7.)

— — — No. 50. The systems tin-germanium and tin-beryllium. By W. GUERTLER and M. PIRANI. London 1937. pp. 23. ill.

— — — No. 53. The effect of cold-work and annealing on the hardness of some tin-antimony, tin-antimony-copper, and tin-antimony-silver alloys. By R. E. LEYMAN. London 1937. pp. 18. ill.

— — — No. 55. The determination of cadmium in tin-rich alloys. By D. HANSON and W. T. PELL-WALPOLE. London 1937. pp. 6.

— — — No. 57. Mechanical properties of some white bearing metals and other tin-base alloys at various temperatures. By C. E. HOMER and H. PLUMMER. London 1937. pp. 20. ill.

— — — No. 58. The tensile properties of a series of white-metal bearing alloys at elevated temperatures. By H. GREENWOOD. London 1937. pp. 9. ill.

INTERNATIONAL TIN RESEARCH AND DEVELOPMENT COUNCIL. Technical Publications. Series A. No. 65. Stannic oxide as opacifier in wet enamels. By L. STUCKERT. London 1937. pp. 81. ill.

— — — Series B. No. 3. The use of tin in refrigerating equipment. By E. J. DANIELS and D. J. MACNAUGHTAN. (From the *Proc. Brit. Assoc. Refrigeration*, 1936-37, 33.)

— — — No. 4. The decoration of tinplate by printing and varnishing. By W. E. HOARE. London 1937. pp. 24. ill.

— — — No. 5. Fusible alloys containing tin. By E. J. DANIELS. London 1937. pp. 24.

— — — Series D. No. 3. Mechanical properties of some tin bronzes. By H. LEPP. London 1937. pp. 11. ill.

IPATIEFF, VLADIMIR N. Catalytic reactions at high pressures and temperatures. New York 1936. pp. xxiv + 786. ill.

IZARD, L., CILLEULS, J. DES, and KERMARREC, R. La guerre aéro-chimique et les populations civiles. Étude historique, clinique, thérapeutique et préventive. 4th edition. Paris 1937. pp. 476. ill.

JACKSON, C. P. See INTERNATIONAL TIN RESEARCH AND DEVELOPMENT COUNCIL. Technical Publications. Series A. No. 49.

JÄNECKE, ERNST. Kurzgefasstes Handbuch aller Legierungen. Leipzig 1937. pp. xii + 493. ill.

JAKOBS, HENDRIK. De structuurbepaling van agatheen-dizuur. Leiden 1937. pp. xii + 72.

JAMES, W. O. An introduction to plant physiology. 3rd edition. Oxford 1936. pp. viii + 265. ill.

JENSEN, P. BOYSEN. Growth hormones in plants. Authorized translation by GEORGE S. AVERY [and others]. New York 1936. pp. xiv + 268. ill.

JONES, ARTHUR. Cellulose lacquers, finishes and cements: their history, chemistry, manufacture, analysis, and testing, industrial uses and applications, with some notes on synthetic resin lacquers. London 1937. pp. x + 418. ill.

JONES, OSMAN, and JONES, T. W. Canning practice and control. London 1937. pp. xii + 254. ill.

JONES, T. W. See JONES, OSMAN.

JOST, WILHELM. Diffusion und chemische Reaktion in festen Stoffen. Dresden 1937. pp. viii + 231. ill.

JOYCE, JEREMIAH. Dialogues in chemistry. 3rd edition. 2 vols. London 1816. pp. xiv + 360 + 4 plates, iv + 342 + 4 plates. (*Reference.*)

- KANTOROWICZ, O. See BOARD OF EDUCATION. *Science Museum*.
- KAPLUN, S. I. See ZHITKOVA, A. S.
- KARRER, PAUL. Lehrbuch der organischen Chemie. 5th edition. Leipzig 1937. pp. xxiv + 973.
- KEENAN, JOSEPH H., and KEYES, FREDERICK G. Thermodynamic properties of steam, including data for the liquid and solid phases. New York 1936. pp. 89. ill. (*Reference*.)
- KEFFLER, L. J. P. See UNION INTERNATIONALE DE CHIMIE. *Commission Permanente de Thermochimie*.
- KELLY, DENIS F. See CORK. *University College*. Agricultural Bulletin No. 4.
- KENDALL, JAMES. See SMITH, ALEXANDER.
- KERMARREC, R. See IZARD, L.
- KEYES, FREDERICK G. See KEENAN, JOSEPH H.
- KHARKOV. *Université d'État*. Travaux de l'Institut de Chimie. Vol. I, etc. Kharkov 1936 +. (*Reference*.) [In Ukrainian. French résumés.]
- KING, J. G. See DEPARTMENT OF SCIENTIFIC AND INDUSTRIAL RESEARCH. *Fuel Research*. Technical Paper No. 45.
- KINZEL, A. B., and CRAFTS, WALTER. The alloys of iron and chromium. Vol. I. Low-chromium alloys. New York 1937. pp. xvi + 535. ill.
- KLAR, M. Fabrikation von absolutem Alkoholzwecks Verwendung als Zusatzmittel zu Motor-Treibstoffen. Halle 1936. pp. viii + 84. ill.
- KLINE, GORDON M. See UNITED STATES. *Department of Commerce*. National Bureau of Standards. Circular 411.
- KNAPP, ARTHUR W. Cacao fermentation: a critical survey of its scientific aspects. London 1937. pp. xii + 171. ill.
- Vitamin D in cacao shell (commercial cocoa bean shell). Bournville [1937]. pp. 64. ill.
- KONINKLIJKE AKADEMIE VAN WETENSCHAPPEN TE AMSTERDAM. Proceedings of the Section of Sciences. Vol. XXIX, No. 6, etc. Amsterdam 1936 +. (*For circulation*.)
- KOPANYI, THEODORE. See UNDERHILL, FRANK P.
- KRAMERS, H. A. Quantentheorie des Elektrons und der Strahlung. See HAND- UND JAHRBUCH DER CHEMISCHEN PHYSIK. Vol. I. Part 2.
- KRAUSE, B. See HOPKINS, R. H.
- KRAUSE, HUGO. Metallfärbung. Die wichtigsten Verfahren zur Oberflächenfärbung und zum Schutz von Metallgegenständen. 2nd edition. Berlin 1937. pp. viii + 183.
- KREMANN, ROBERT, and PESTEMER, MAX. Zusammenhänge zwischen physikalischen Eigenschaften und chemischer Konstitution. Dresden 1937. pp. xvi + 225. ill.
- LANDER, G. D. See CAVEN, R. M.
- LANDSTEINER, KARL. The specificity of serological reactions. Springfield 1936. pp. viii + 178.
- LEA, F. C. Hardness of metals. London 1936. pp. viii + 141. ill.
- LEA, F. M. See DEPARTMENT OF SCIENTIFIC AND INDUSTRIAL RESEARCH. *Building Research*. Bulletin No. 15.
- LEAD INDUSTRIES DEVELOPMENT COUNCIL. Technical Publications. Bulletin No. 2. Lead: the material, its manufacture and properties. London [1937]. pp. ii + 19. ill.
- LE CHATELIER, HENRY. See GUILLET, LEON.
- LEDOUX, EDOUARD. Séchage des produits hygroscopiques. Adsorption de la vapeur d'eau. Paris 1937. pp. viii + 93. ill.
- LEPP, H. See INTERNATIONAL TIN RESEARCH AND DEVELOPMENT COUNCIL. Technical Publications. Series D. No. 3.
- LEVI, G. R. See BRUNI, GIUSEPPE.
- LEYMAN, R. E. See INTERNATIONAL TIN RESEARCH AND DEVELOPMENT COUNCIL. Technical Publications. Series A. No. 53.
- LIEBIG, JUSTUS. Handbook of organic analysis. Edited by A. W. HOFMANN. London 1853. pp. viii + 136. ill. (*Reference*.)
- Principles of agricultural chemistry with special reference to the late researches made in England. London 1855. pp. viii + 136. (*Reference*.)
- LOMONOSSOW, MICHAEL WASSILJEWITSCH. See MENSCHUTKIN, B. N.
- LONGWELL, J. See DEPARTMENT OF SCIENTIFIC AND INDUSTRIAL RESEARCH. *Water Pollution Research*. Technical Paper No. 6.
- LOWRY, T. M., and CAVELL, A. C. Intermediate chemistry. London 1936. pp. xvi + 879. ill.
- MCCABE, WARREN L. See BADGER, WALTER L.
- MCCARTNEY, W. See GATTERMANN, L.
- MCCELHANNY, T. A. See CANADA. *Department of the Interior*.
- MCFADYEN, A. D. Carleton Ellis. (From the *J. Patent Office Soc.*, 1937.)
- MACHU, WILLY. Das Wasserstoffperoxyd und die Perverbindungen. Wien 1937. pp. xii + 408. ill.
- MACNAUGHTAN, D. J. See INTERNATIONAL TIN RESEARCH AND DEVELOPMENT COUNCIL. Technical Publications. Series B. No. 3.
- MARIOTTE, [EMONDE]. Essays de physique ou memoires pour servir à la science des choses naturelles. [Containing:] Premier essay. De la vegetation des plantes. Paris 1679. pp. [iv] + 180. Second essay. De la nature de

- l'air. Paris 1679. pp. [iv] + 231. Troisième essai. Du chaud et du froid. Paris 1679. pp. [iv] + 72. (*Reference.*)
- MARTINDALE, [W. H.]. The extra pharmacopœia. 21st edition. Vol. I. Published by direction of the Pharmaceutical Society of Great Britain. London 1936. pp. xxxvi + 182. (*Reference.*)
- MATHEWSON, C. H. [Editor]. Modern uses of nonferrous metals. New York 1935. pp. x + 427. ill.
- MATTHEWS, JANET W. See FEIGL, FRITZ.
- MAURER, KURT. Chemie der Inkrete und ihre wichtigsten Darstellungsmethoden. Leipzig 1937. pp. vi + 67.
- MAYNE, J. E. O. See MINES DEPARTMENT. *Safety in Mines Research Board*. Paper No. 97.
- MEDICAL RESEARCH COUNCIL. Special Report Series, No. 218. A dietary survey in terms of the actual foodstuffs consumed. By E. P. CATHCART and A. M. T. MURRAY. London 1936. pp. 56. (*Reference.*)
- *Industrial Health Research Board*. Report No. 80. Toxicity of industrial organic solvents. Summaries of published work, compiled by ETHEL BROWNING under the direction of the Committee on the Toxicity of Industrial Solvents. London 1937. pp. iv + 388.
- MEE, A. J. Volumetric analysis. London 1937. pp. viii + 223. ill.
- MELLON INSTITUTE. Addresses at the exercises and science symposium during the dedication of the new building. Pittsburgh 1937. pp. vi + 71.
- MÉMOIRES DE PHYSIQUE ET DE CHIMIE. See SOCIÉTÉ D'ARCUEIL.
- MEMOIRS OF THE INSTITUTE OF CHEMISTRY. See ALLUKRAINIAN ACADEMY OF SCIENCES.
- MENSCHUTKIN, B. N. The work of M. W. Lomonossow on physics and chemistry. Moscow 1936. pp. 537. ill. [In Russian.]
- Biography of Michael Wassiljewitsch Lomonossow. Moscow 1937. pp. 238. ill. [In Russian.]
- Chemistry and the way of its development. Moscow 1937. pp. 352. ill. [In Russian.]
- MIALI, LAURENCE MACKENZIE. See MIALI, STEPHEN.
- MIALI, STEPHEN, and MIALI, LAURENCE MACKENZIE. Chemistry, matter and life. London 1937. pp. xii + 296. ill.
- MINES DEPARTMENT. *Safety in Mines Research Board*. Paper No. 97. The effect of fibre cores on internal corrosion in colliery winding ropes. By J. E. O. MAYNE. London 1937. pp. 38. ill.
- MITCHELL, C. AINSWORTH. Documents and their scientific examination. Re-issue, enlarged. London 1935. pp. xii + 227. ill.
- MITCHELL, C. AINSWORTH. Inks: their composition and manufacture, including methods of examination and a full list of British patents. Being a 4th edition of Mitchell and Hepworth's "Inks." London 1937. pp. xii + 408. ill.
- MORRELL, R. S. [and others]. Synthetic resins and allied plastics. London 1937. pp. xii + 417. ill.
- MORRIS, T. N. See DEPARTMENT OF SCIENTIFIC AND INDUSTRIAL RESEARCH. *Food Investigation*. Special Report No. 44.
- MORRISON, A. CRESSY. Man in a chemical world. The service of chemical industry. New York 1937. pp. xiv + 292. ill.
- Moscow. *State University*. Wissenschaftliche Berichte. Vols. 3 and 6. Moscow 1934-36. [In Russian.] (*Reference.*)
- MÜLLER, ROBERT. Allgemeine und technische Elektrochemie nichtmetallischer Stoffe. Wien 1937. pp. x + 440. ill.
- MURRAY, A. M. T. See MEDICAL RESEARCH COUNCIL. Special Report Series, No. 218.
- MURTY, N. N. See INDIAN LAC RESEARCH INSTITUTE. Bulletin No. 25.
- NAUNTON, W. J. S. Synthetic rubber. London 1937. pp. xvi + 162. ill.
- NEEDHAM, JOSEPH, and GREEN, DAVID E. [Editors.] Perspectives in biochemistry. Thirty-one essays presented to SIR FREDERICK GOWLAND HOPKINS by past and present members of his Laboratory. Cambridge 1937. pp. x + 361. ill.
- NELSON, W. L. Petroleum refinery engineering. New York 1936. pp. viii + 647. ill.
- NEWMAN, W. A. C. See ROSE, SIR THOMAS KIRKE.
- NIE, WILLEM LEENDERT JOHANNES DE. De ontwikkeling der Noord-Nederlandsche textielververij van de veertiende tot de achttiende eeuw. Leiden 1937. pp. xx + 310 + lxxvi. (*Reference.*)
- NIELSEN, ANDREAS. Chlorkautschuk und die übrigen Halogenverbindungen des Kautschuks. Leipzig 1937. pp. viii + 123. ill.
- NIKITIN, ALEXANDER ALEXIS. Zeolitic copper compounds as fungicides. New York 1937. pp. 72. ill.
- NOKES, M. C. Modern glass working and laboratory technique. London 1937. pp. xiv + 153. ill.
- NORMAN, A. G. The biochemistry of cellulose, the polyuronides, lignin, etc. Oxford 1937. pp. x + 232.
- ORGANIC CHEMICAL INDUSTRY, THE. Vol. 3, etc. Moscow 1937+. [In Russian.] (*Reference.*)
- PABST, HEINRICH. See ZIEGELMAYER, WILHELM.

PAPER MAKERS' ASSOCIATION OF GREAT BRITAIN AND IRELAND. Proceedings of the Technical Section. Vol. 17. London 1936-37. (*Reference.*)

PARTINGTON, J. R. A short history of chemistry. London 1937. pp. xiv + 386. ill.

— A text-book of inorganic chemistry for University students. 5th edition. London 1937. pp. viii + 1062. ill. (*Reference.*)

PATEL, M. S. See BOMBAY PRESIDENCY. *Department of Industries*. Bulletin No. 10.

PECKSTON, T[HOMAS] S. The theory and practice of gas-lighting : in which is exhibited an historical sketch of the rise and progress of the science; and the theories of light, combustion, and formation of coal; with descriptions of the most approved apparatus for generating, collecting, and distributing, coal-gas for illuminating purposes. London 1819. pp. xx + 438. ill. (*Reference.*)

PELL-WALPOLE, W. T. See INTERNATIONAL TIN RESEARCH AND DEVELOPMENT COUNCIL. Technical Publications. Series A. No. 55.

PENTELOW, F. T. K. See DEPARTMENT OF SCIENTIFIC AND INDUSTRIAL RESEARCH. *Water Pollution Research*. Technical Paper No. 6.

PERRY, WILLIAM A. See GEYER, JOHN C.

PERTZOFF, V. A. Pouvoir rotatoire des ions de l'acide d-glutamique. Montpellier 1937. pp. 171. ill.

PESTEMER, MAX. See KREMANN, ROBERT.

PIATTI, LUIGI. Nachweis und Bestimmung von Lösungsmitteldämpfen. Dresden 1937. pp. viii + 87. ill.

PICKARD, SIR ROBERT H. See INSTITUTE OF CHEMISTRY OF GREAT BRITAIN AND IRELAND.

PIRANI, M. See INTERNATIONAL TIN RESEARCH AND DEVELOPMENT COUNCIL. Technical Publications. Series A. No. 50.

PLENDERLEITH, H. J. The conservation of prints, drawings, and manuscripts. Oxford 1937. pp. viii + 66. ill.

PLOTNIKOV, V., SHEKA, I., and YANKELEVICH, Z. The electrolytic precipitation of metals from non-aqueous solutions. Kiev 1936. pp. 152. ill. [In Russian.]

PLUMMER, H. See INTERNATIONAL TIN RESEARCH AND DEVELOPMENT COUNCIL. Technical Publications. Series A. No. 57.

PÖSCHL, TH. See EWALD, P. P.

PRANDTL, L. See EWALD, P. P.

PRATT, J. DAVIDSON. See INSTITUTE OF CHEMISTRY OF GREAT BRITAIN AND IRELAND.

PREGL, FRITZ. Quantitative organic micro-analysis. 3rd English edition. Translated by E. BERYL DAW from the 4th German edition by HUBERT ROTH. London [1936]. pp. xvi + 271. ill.

PRENTISS, AUGUSTIN M. Chemicals in war : a treatise on chemical warfare. With chapters on the protection of civil populations and international situation by GEORGE J. B. FISHER. New York 1937. pp. xviii + 739. ill.

PRODINGER, WILHELM. Organische Fällungsmittel in der quantitativen Analyse. (Die chemische Analyse, Vol. XXXVII.) Stuttgart 1937. pp. xii + 163. ill. (*Reference.*)

PRYTHORCH, W. E. See ARCHBUTT, S. L.

— See DEPARTMENT OF SCIENTIFIC AND INDUSTRIAL RESEARCH.

RAHN, OTTO. Invisible radiations of organisms. With an introduction to the physics of radiation by SIDNEY W. BARNES. Berlin 1936. pp. x + 215. ill.

RAZI, [A. B. M. IBN Z.] AL-. Geheimnis der Geheimnisse. Translated, with introduction and explanation, by JULIUS RUSKA. Berlin 1937. pp. xvi + 246.

READ, JOHN. Prelude to chemistry : an outline of alchemy, its literature and relationships. London 1936. pp. xxiv + 328. ill.

— See INSTITUTE OF CHEMISTRY OF GREAT BRITAIN AND IRELAND.

REID, A. See EVANS, P.

REILLY, JOSEPH. See CORK. *University College*. Agricultural Bulletin No. 4.

RICHARDSON, N. A. See DEPARTMENT OF SCIENTIFIC AND INDUSTRIAL RESEARCH. *Forest Products Research*. Record No. 17.

RIEGEL, EMIL RAYMOND. Industrial chemistry. 3rd edition. New York 1937. pp. 851. ill.

RIESENFELD, HANS. See RUDORF, GEORGE.

RITCHIE, PATRICK D. Spectrographic studies on ancient glass. Chinese glass, from pre-Han to T'ang times. (From *Tech. Studies*, 1937, 5.)

ROBERTSON, G. ROSS. Laboratory practice of organic chemistry. New York 1937. pp. xii + 328. ill.

ROBINSON, CLARK SHOVE. See HITCHCOCK, FRANK LAUREN.

ROBINSON, R. A. See BELL, SIR WILLIAM JAMES.

ROHOLM, KAJ. Fluorine intoxication : a clinical-hygienic study. With a review of the literature and some experimental investigations. Copenhagen 1937. pp. xii + 364. ill.

ROSE, SIR THOMAS KIRKE, and NEWMAN, W. A. C. The metallurgy of gold. 7th edition. London 1937. pp. xiv + 561. ill.

ROSENBAUM, JOSEPH L. See DULAC, ROGER.

ROSIN, JOSEPH. Reagent chemicals and standards with methods of assaying and testing them. [New York] 1937. pp. x + 530. (*Reference.*)

- ROTH, HERBERT. See PREGL, FRITZ.
- ROTH, W. A. See UNION INTERNATIONALE DE CHIMIE. *Commission Permanente de Thermochimie*.
- ROUPELL, MARION G. See UNION CATALOGUE.
- ROYAL COLLEGE OF SCIENCE. *Scientific Journal*. Vol. 1, etc. South Kensington 1931 +. (*Reference*.)
- RUDORF, GEORGE. *Das Periodische System, seine Geschichte und Bedeutung für die chemische Systematik*. German edition, enlarged and revised. Translated by the Author in collaboration with HANS RIESENFELD. Hamburg 1904. pp. xvi + 370. ill. (*Reference*.)
- RUSKA, JULIUS. See DEUTSCHE GESELLSCHAFT FÜR GESCHICHTE DER MEDIZIN, NATURWISSENSCHAFT UND TECHNIK.
- See RAZI, A. B. M. IBN. Z. AL-
- RUSSELL, SIR E. JOHN. *Soil conditions and plant growth*. 7th edition. London 1937. pp. viii + 655. ill.
- RUSSELL, SIR E. JOHN, and VOELCKER, J. A. *Fifty years of field experiments at the Woburn Experimental Station*. With a statistical report by W. G. COCHRAN. London 1936. pp. xviii + 392. ill.
- RUTHERFORD, LORD. *The newer alchemy*. Based on the Henry Sidgwick Memorial Lecture . . . 1936. Cambridge 1937. pp. viii + 67. ill.
- SCHÉELE, CARL WILHELM. *Traité chimique de l'air et du feu*. With an introduction by TORBERN BERGMANN. Translated from the German by BARON [PHILIPP FRIEDRICH] DIETRICH. Paris 1781. pp. xlv, 45 to 268. ill. (*Reference*.)
- See ZEKERT, OTTO.
- SCHIEFFER, FRITZ. *Agrikulturchemie*. Teil A: Boden. (Sammlung, N.F. Heft 35.) Stuttgart 1937. pp. 113. ill. (*Reference*.)
- SCHOELLER, W. R. *The analytical chemistry of tantalum and niobium*. The analysis of their minerals and the application of tannin in gravimetric analysis. London 1937. pp. xvi + 198.
- SCIENCE AND CULTURE. A monthly journal devoted to natural and cultural sciences. Vol. 1, etc. Calcutta 1935 +. [*Incomplete*.]
- SCOTTISH DEVELOPMENT COUNCIL. 2nd Report of the "Oil from Coal" Committee. Glasgow 1936. pp. 27.
- SHEKA, I. See PLOTNIKOV, V.
- SHEPPARD, FAY. See EVERETT, MARK R.
- SHERMAN, HENRY C. *Chemistry of food and nutrition*. 5th edition. New York 1937. pp. xii + 640. ill.
- SHERWOOD, THOMAS K. *Absorption and extraction*. New York 1937. pp. viii + 278. ill.
- SIDGWICK, N. V. *The organic chemistry of nitrogen*. New edition. Revised and rewritten by T. W. J. TAYLOR and WILSON BAKER. Oxford 1937. pp. xx + 590.
- SIEGEL, W. *Die Verfahren der anorganisch-chemischen Industrie*. Vol. II. Berichtsjahr 1935. Berlin 1937. pp. xvi + 591. ill. (*Reference*.)
- SIMPSON, I. A. See FEDERATED MALAY STATES. *Institute for Medical Research*.
- SIMPSON, J. See IMPERIAL INSTITUTE. *Mineral Resources Department*.
- SISCO, FRANK T. *The alloys of iron and carbon*. Vol. II. Properties. New York 1937. pp. xiv + 777. ill.
- SLOANE, T. O'CONNOR. See HISCOX, GARDNER D.
- SMITH, [ALEXANDER]. *Inorganic chemistry*. 2nd edition. By JAMES KENDALL. [New York] 1937. pp. xxiv + 954. ill.
- SMITH, ERNEST A. *A manual on dental metallurgy*. 5th edition. London 1937. pp. xvi + 320. ill.
- SMITHELLS, COLIN J. *Tungsten: a treatise on its metallurgy, properties and applications*. 2nd edition. London 1936. pp. viii + 272. ill.
- *Gases and metals: an introduction to the study of gas-metal equilibria*. London 1937. pp. viii + 218. ill.
- SOCIETÀ ITALIANA DI BIOLOGIA SPERIMENTALE. *Archivio di Scienze Biologiche*. Vol. 23, etc., Bologna 1937 +. (*Reference*.)
- SOCIÉTÉ D'ARCUEIL. *Mémoires de physique et de chimie*. 3 vols. Paris 1807-17. (*Reference*.)
- SOCIETY FOR THE STUDY OF ALCHEMY AND EARLY CHEMISTRY. *Ambix*. Vol. I, etc. London 1937 +. (*Reference*.)
- SOCIETY OF PUBLIC ANALYSTS AND OTHER ANALYTICAL CHEMISTS. *The Analyst*. Decennial Index. Vols. LI-LX (1926-1935). Cambridge [1937]. pp. 467. (*Reference*.)
- SOUTH AUSTRALIA. *Department of Chemistry*. Bulletin No. 7. Gypsum and plaster of Paris. By D. C. WINTERBOTTOM. Adelaide 1917. pp. 161. ill. (Second copy.)
- SOUTH METROPOLITAN GAS COMPANY. *Chemical Department*. *The preparation of thin tar carpets*. London 1937. pp. 70. ill.
- SPARKES, F. N. See DEPARTMENT OF SCIENTIFIC AND INDUSTRIAL RESEARCH. *Road Research*. Technical Paper No. 4.
- SPIELMANN, PERCY EDWIN, and HUGHES, A. C. *Asphalt roads*. London 1936. pp. x + 319. ill.
- SPINKS, J. W. T. See HERZBERG, GERHARD.
- STARLING, ERNEST HENRY. *Principles of human physiology*. 7th edition. By C. LOVATT EVANS. The chapters on the central

- nervous system and sense organs revised by H. HARTRIDGE. London 1936. pp. xiv + 1096. ill.
- STEDMAN, THOMAS LATHROP. A practical medical dictionary. 13th edition. [Baltimore] 1936. pp. xii + 1291. ill. (*Reference.*)
- [STEPHENSON, J. NEWELL. Editor.] The manufacture of pulp and paper. 3rd edition. Vol. III. Preparation . . . and treatment of pulp. New York 1937. pp. xiv + [828]. ill.
- STERN, K. *See* WILLHEIM, R.
- STEVENS, BLAMEY. The identity theory. 2nd edition. Manchester 1936. pp. xvi + 247 + 8 + 16. ill.
- STEVENS, HENRY P., and STEVENS, W. H. Rubber latex. 4th edition. London 1936. pp. 224. ill.
- STEVENS, W. H. *See* STEVENS, HENRY P.
- STIASNY FESTSCHRIFT. *See* GUSTAVSON, K. H.
- STILES, WALTER. An introduction to the principles of plant physiology. London 1936. pp. viii + 615. ill.
- STOLL, ARTHUR. The cardiac glycosides. A series of three lectures. London 1937. pp. viii + 80. ill. (Two copies.)
- STRONG, R. A. *See* CANADA. *Department of Mines and Resources.*
- STUCKERT, L. *See* INTERNATIONAL TIN RESEARCH AND DEVELOPMENT COUNCIL. Technical Publications. Series A. No. 65.
- STURTEVANT, JULIAN M. *See* COGHILL, ROBERT D.
- SWARTZMAN, E. *See* CANADA. *Department of Mines and Resources.*
- TABLES ANNUELLES DE CONSTANTES ET DONNÉES NUMÉRIQUES. Table des matières des Vols. VI-X. Années 1923-1930. Paris 1937. pp. xxiv + 48 + 304. (*Reference.*)
- TAUBER, HENRY. Experimental enzyme chemistry. Minneapolis 1936. pp. v + 118. ill. [In mimeograph form.]
- TAYLOR, F. SHERWOOD. Modern elementary chemistry. London 1936. pp. xii + 461. ill.
- TAYLOR, H. AUSTIN. *See* TAYLOR, HUGH S.
- TAYLOR, HUGH S., and TAYLOR, H. AUSTIN. Elementary physical chemistry. 2nd edition. New York 1937. pp. xvi + 664. ill.
- TAYLOR, T. W. J. *See* SIDGWICK, N. V.
- TEED, P. LITHERLAND. Duralumin and its heat-treatment. London 1937. pp. x + 116. ill.
- THIMANN, KENNETH V. *See* WENT, F. W.
- THOMPSON, DANIEL V. The materials of medieval painting. London 1936. pp. 239.
- THOMPSON, R. CAMPBELL. A dictionary of Assyrian chemistry and geology. Oxford 1936. pp. xlvi + 266.
- THORPE, [SIR EDWARD]. Dictionary of applied chemistry. 4th edition. Edited by JOCELYN FIELD THORPE and M. A. WHITELEY. Vol. I. London 1937. pp. xxviii + 703. ill. (*Reference.*)
- THORPE, JOCELYN FIELD. *See* THORPE, SIR EDWARD.
- TONGEREN, W. VAN. Gravimetric analysis: a laboratory manual with special reference to the analysis of natural minerals and rocks. Amsterdam 1937. pp. xii + 278. ill.
- TOPLEY, W. W. C., and WILSON, G. S. The principles of bacteriology and immunity. 2nd edition. London 1936. pp. xvi + 1645. ill.
- TRAVAUX DE L'INSTITUT DE CHIMIE. *See* KHARKOV. *Université d'État.*
- TYNDALL, JOHN. A record of the scientific work. (1850-1888). London 1935.
- UBBELOHDE, A. R. An introduction to modern thermodynamical principles. Oxford 1937. pp. viii + 131.
- UKRAINIAN ACADEMY OF SCIENCES. *Institute of Chemistry.* 1st All-Union Conference on Non-aqueous solutions. Kiev 1935. pp. 220. (*Reference.*)
- — — *See* ALL UKRAINIAN ACADEMY OF SCIENCES.
- ULMANN, MAX. Molekülgrößen-Bestimmungen hochpolymerer Naturstoffe. Dresden 1936. pp. xii + 194. ill.
- UNDERHILL, FRANK P. Toxicology or the effects of poisons. 3rd edition. Revised by THEODORE KOPPANYI. Philadelphia 1936. pp. xiv + 325.
- UNION CATALOGUE of the periodical publications in the University libraries of the British Isles with their respective holdings, excluding titles in the World List of Scientific Periodicals, 1934. Compiled on behalf of the Joint Standing Committee on Library Co-operation by MARION G. ROUPELL. London 1937. pp. xii + 712. (*Reference.*)
- UNION DES RÉPUBLIQUES SOVIÉTIQUES SOCIALISTES. *Académie des Sciences.* Travaux du Congrès Jubilaire Mendelév. 2 vols. Moscow 1936-37. pp. 666, 471. ill. (*Reference.*)
- UNION INTERNATIONALE DE CHIMIE. *Commission des Atomes.* Deuxième Rapport. Tables internationale des isotopes stables. Paris 1937. pp. 19.
- *Commission Permanente de Thermo-chimie.* Revue analytique et critique de thermo-chimie organique. Appendices au 1er Rapport de la Commission. German text by W. A. ROTH. English and French translations by L. J. P. KEFFLER. Paris 1936. pp. 42. (Two copies.)

- UNION OF SOCIALIST SOVIET REPUBLICS. *All Union Research Institute of Cement*. Puzzolanic cements. Edited by A. A. BAIKOV [and others.] Leningrad 1936. pp. 599. ill. [In Russian.]
- English-Russian dictionary on cement manufacture. By H. BUDKEVICH. Leningrad 1936. pp. 138. (*Reference.*)
- UNITED STATES. *Department of Commerce*. National Bureau of Standards. Circular C411. Organic plastics. By GORDON M. KLINE. Washington 1936. pp. 27.
- Circular C413. Inks. By C. E. WATERS. Washington 1936. pp. 54.
- VALKÓ, EMMERICH. Kolloidchemische Grundlagen der Textilveredlung. Berlin 1937. pp. xii + 701. ill.
- VAN DYKE, H. B. The physiology and pharmacology of the pituitary body. Chicago 1936. pp. xviii + 577. ill.
- VANINO, LUDWIG. Handbuch der präparativen Chemie. 3rd edition. Vol. II. Organischer Teil. Stuttgart 1937. pp. iv + 887. ill.
- VANNOTTI, A. Porphyrine und Porphyrin-krankheiten. Berlin 1937. pp. viii + 286. ill.
- VEGAS, LUIS FELIPE. Study referring to the relation between the specific inductive capacity and the refractive index of light and of density. Caracas 1936. pp. 26.
- VERMAN, LAL C. See INDIAN LAC CESS COMMITTEE. *London Shellac Research Bureau*. Technical Paper No. 11.
- VOELCKER, J. A. See RUSSELL, SIR E. JOHN.
- VOGEL, ARTHUR I. A text-book of qualitative chemical analysis. London 1937. pp. xii + 383. ill.
- VOGEL, RUDOLF. Die heterogenen Gleichgewichte. Leipzig 1937. pp. xxiv + 737. ill.
- VOLTA, ALEXANDRE. Lettres sur l'air inflammable des marais. Translated from the Italian. Strasbourg 1778. pp. [vi] + 191. ill. (*Reference.*)
- WALKER, WILLIAM H. [and others]. Principles of chemical engineering. 3rd edition. New York 1937. pp. xii + 749. ill.
- WAR OFFICE. Defence against gas. London 1935. pp. viii + 83. ill.
- WATERS, C. E. See UNITED STATES. *Department of Commerce*. National Bureau of Standards. Circular C413.
- WATKINS, C. M. See DEPARTMENT OF SCIENTIFIC AND INDUSTRIAL RESEARCH. *Building Research*. Special Report No. 25.
- WATSON, H. B. Modern theories of organic chemistry. Oxford 1937. pp. viii + 218. ill.
- WEBER, HANS H. Praktische Lösungs-
mittelanalyse. Systematischer Analysengang unter Berücksichtigung gewerbehygienischer Gesichtspunkte. Leipzig 1936. pp. viii + 40.
- WEINBERGER, H. See INDIAN LAC RESEARCH INSTITUTE. Bulletin No. 25.
- WEISS, WALTER. Blätter, Bestimmungstabelle zur Benutzung bei mikroskopischen Arbeiten. Dresden 1935. pp. x + 78.
- WELCH, FRANK V. See BARNARD, J. E.
- WENT, F. W., and THIMANN, KENNETH V. Phytohormones. New York 1937. pp. xii + 294. ill.
- WENZEL, CARL FRIEDRICH. Lehre von der Verwandtschaft der Körper. [2nd edition.] Dresden 1782. pp. [iv] + 492. (*Reference.*)
- WEST VIRGINIA PULP & PAPER CO. *Industrial Chemical Sales Division*. The modern purifier [activated carbon]. New York 1937. pp. vi + 98. ill.
- WHEELER, T. SHERLOCK. See CUMMING, WILLIAM M.
- WHITELEY, M. A. See THORPE, SIR EDWARD.
- WIELAND, HEINRICH. See GATTERMANN, L.
- WILLEY, E. J. B. Collisions of the second kind: their rôle in physics and chemistry. London 1937. pp. viii + 150. ill.
- WILLHEIM, R., and STERN, K. Die Wege und Ergebnisse chemischer Krebsforschung. Wien 1936. pp. 473.
- WILLIS, L. G. [Compiler.] Bibliography of references to the literature on the minor elements and their relation to the science of plant nutrition. 2nd edition. New York 1936. pp. iv + 396. [In mimeograph form.] (*Reference.*)
- WILMAN, H. See FINCH, G. I.
- WILSON, A. H. The theory of metals. Cambridge 1936. pp. viii + 272.
- WILSON, G. S. See TOPLEY, W. W. C.
- WINTERBOTTOM, D. C. See SOUTH AUSTRALIA. *Department of Chemistry*. Bulletin No. 7.
- WOHRZEK, OSKAR. Die aktivierten Entfärbungskohlen. Ein Wegweiser für die Praxis. (Sammlung, N.F. Heft 36.) Stuttgart 1937. pp. 99. ill. (*Reference.*)
- WOKES, FRANK. Text-book of applied biochemistry. London 1937. pp. x + 522. ill.
- WOLDMAN, NORMAN E., and DORNBLATT, ALBERT J. Engineering alloys: names, properties, uses. [Cleveland, Ohio] 1936. pp. xviii + 622. (*Reference.*)
- WORLD POWER CONFERENCE. *Chemical Engineering Congress*. Transactions. 5 vols. London 1937. pp. lxxxviii + 525, x + 664, x + 797, x + 751, viii + 164. ill. (*Reference.*)

- YANKOLEVICH, Z. *See* PLOTNIKOV, U.
- YOE, JOHN H. Chemical principles, with particular application to qualitative analysis. New York 1937. pp. x + 311. ill.
- ZECHMEISTER, L., and CHOLNOKY, L. v. Die chromatographische Adsorptionsmethode. Grundlagen, Methodik, Anwendungen. Wien 1937. pp. xii + 231. ill.
- ZEKERT, OTTO. Carl Wilhelm Scheele: Gedenkschrift zum 150. Todestage. Wien 1936. pp. 57. ill.
- ZHITKOVA, A. S. Some methods for the detection and estimation of poisonous gases and vapours in the air. Edited by S. I. KAPLUN. Translated under direction of JOSEPH B. FICKLEN. Hartford, Conn. 1936. pp. xiv + 198. ill.
- ZIEGELMAYER, WILHELM, with the co-operation of HEINRICH PABST. Rohstoff-Fragen der deutschen Volksernährung. Eine Darstellung der ernährungswirtschaftlichen und ernährungswissenschaftlichen Aufgaben unserer Zeit. Dresden 1936. pp. xii + 289. ill.

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