

INDEX OF AUTHORS, 1941.

A.

- Adam, N. K.**, and **Balson, E. W.**, cure of bumping in mercury-glass diffusion pumps, 620.
Adams, A. H., and **Martin, A. R.**, action of alkaline-earth chlorides on emulsions stabilised by sodium oleate, 352.
Albert, A., acridine syntheses and reactions. Parts I. and II. Synthesis of proflavine from *m*-phenylenediamine and its derivatives, 121, 484.
Anker, R. M., and **Cook, A. H.**, action of organo-alkali compounds on benzonitrile, 323.
Atherton, D., and **Hilditch, T. P.**, migration of acyl groups during hydrogenation of triglycerides, 527.
Audsley, A., and **Goss, F. R.**, magnitude of solvent effect in dipole-moment measurements. Part IV. Determination of distortion polarisation and its additivity in alkyl and aryl halides, 864.
Ayling, E. E., **Gorvin, J. H.**, and **Hinkel, L. E.**, *p*-aminodimethylaniline. Part I. Properties of its diazonium compounds, 613.

B.

- Baddar, F. G.**, benzanthrones. Part IV. Synthesis of 2- and 4-methyl-1-phenylnaphthalene-2'-carboxylic acids; conversion of benzfluorenones into benzanthrones, 310.
Baddar, F. G.. See also **Warren, F. L.**
Badger, G. M., derivatives of *o*-1-naphthoylbenzoic acid and 1-benzynaphthalene-2'-carboxylic acid, 351.
synthesis of growth-inhibitory polycyclic compounds. Part III., 535.
Badger, G. M., **Goulden, F.**, and **Warren, F. L.**, polycyclic aromatic hydrocarbons. Part XXVII., 18.
Bailey, K. C., and **Hickson, W. S. E.**, formation of trichloroacetic acid from perchloroethylene by atmospheric oxidation, 145.
Baker, J. W., and **Tweed, W. T.**, mechanism of aromatic side-chain reactions, with special reference to polar effects of substituents. Part X. Physical and chemical evidence relating to the polar effect of *o*-methyl substituents in derivatives of the type $C_6H_2Me_3CO\cdot CH_2R$, 796.
Baker, W., derivatives of pentahydroxybenzene, and synthesis of pedicellin, 662.
Baker, W., and **Raistrick, H.**, derivatives of 1:2:3:4-tetrahydroxybenzene. Part VII. Synthesis of fumigatin, 670.
Baldwin, E.. See **Bell, D. J.**
Balf, M. P., **Irwin, M.**, and **Kenyon, J.**, optically active tetrahydrofurfuryl alcohol, 312.
Balf, M. P., and **Nandi, K. N.**, experiments on oxidation of alkyl tellurides, 70.
Balson, E. W.. See **Adam, N. K.**
Bamford, C. H.. See **Bamford, D. A.**
Bamford, D. A., and **Bamford, C. H.**, photolysis of organic nitrogen compounds. Part III. Methyl isocyanate, 30.
Barclay, I. M., **Campbell, N.**, and **Dodds, G.**, structure of nitroindazoles and their *N*-methyl derivatives, 113.
Bateman, L. C., and **Robinson, (Sir) R.**, synthesis of substances related to the sterols. Part XXXIII. Hydrogenation of cyclopentenonaphthalene derivatives, 398.
Baxter, G. P., **Guichard, M.**, **Hönigschmid, O.**, and **Whytlaw-Gray, R.**, eleventh report of the Committee on Atomic Weights of the International Union of Chemistry, 146.
Bell, D. J., and **Baldwin, E.**, chemistry of galactogen from *Helix pomatia*; *l*-galactose as a component of a polysaccharide of animal origin, 125.
Bell, F., 5-amino-1-aryl-3-methylpyrazoles, 285.
Bell, F., and **Briggs, F.**, further reactions of diphenic anhydride, 282.
Bell, J., obituary notice of, 680.
Bell, R. P., and **Norris, A. D.**, reaction velocities at low temperatures. Part III. Synthesis of diethylacetal at temperatures between -44° and $+25^\circ$. Part IV. Ionisation of nitroethane at temperatures between -32° and $+20^\circ$, 118, 854.
Bellamy, L. J., and **Dorée, C.**, lanosterol. Part II. Oxidation of lanosterol with chromic acid. Part III. Action of selenium dioxide and of perbenzoic acid on lanosterol, 172, 176.
Bennett, G. M., and **Hafez, M. M.**, synthesis of dihydroindole, dihydrothionaphthen, and dihydrobenzofuran, 287.
influence of substituents on reactivity of hydroxyl group in β -phenylethyl alcohol, 652.
Bergel, F., and **Cohen, A.**, oestrone azobenzene-4-carboxylate, 795.
Bilham, P., **Jones, E. R. H.**, and **Meakins, R. J.**, surface films of lupane derivatives, 761.
Bilham, P., and **Kon, G. A. R.**, saponogenins. Part XI. Constitution of quillaic and oleanolic acids, 552.
Birtwell, S.. See **Hodgson, H. H.**
Bloom, G. I. M., and **Sutton, L. E.**, electric polarisation and molecular vibrations: ethylene dihalides and diacetyl, 727.
Bloxam, A. G., obituary notice of, 241.
Bolam, T. R., and **Hope, J.**, electrical conductivities of aqueous solutions of phenanthrenesulphonic acids, 843.
viscosities of aqueous solutions of phenanthrene-sulphonic acids, 850.
Briggs, F.. See **Bell, F.**
Briggs, L. H., and **Wilson, (Miss) J. M.**, 4:5-methylene-dioxychrysene, 500.
Buchanan, C.. See **Patterson, T. S.**
Burawoy, A., light absorption of organic compounds. Part IX. Unsaturated carbonyl compounds and semicarbazones, 20.

C.

- Campbell, C. V. T.**, **Dick, A.**, **Ferguson, J.**, and **Loudon, J. D.**, derivatives of thioxanthen, 747.
Campbell, N.. See **Barclay, I. M.**
Campbell, N. R., bimolecular condensation of *p*-propenylanisole (anethole) under the influence of heat, 672.
Carlisle, C. H., and **Crowfoot, D.**, determination of molecular symmetry in the $\alpha\beta$ -diethyldibenzyl series, 6.

- Carpenter, (Sir) H. C. H.**, obituary notice of, 53.
Carroll, M. F., addition of $\beta\gamma$ -unsaturated alcohols to the active methylene group. Part III. Scope and mechanism of the reaction, 507.
Chapman, N. B., and Saunders, B. C., peroxidase action. Part III. Oxidation of mesidine, 496.
Cherry, G. W. See Irving, H.
Clemo, G. R., and Hoggarth, E., attempts to prepare 7-substituted bicyclo[1:2:2]-1-azaheptanes, 41.
5-ethinylrurban-5-ol and related compounds, 476.
Cocker, W., and Turner, D. G., preparation of some condensation products of *m*-dialkylaminobenzaldehydes with compounds containing reactive methylene groups, and their suitability as photographic sensitizers, 143.
Cohen, A. See Bergel, F.
Cook, A. H., Downer, J., and Hornung, B., preparation of diarylmaleonitriles, 502.
Cook, A. H., and Jones, D. G., *cis*-azo-compounds. Part IV. Reactions with diphenylketen, 184. experiments in the triazine and the glyoxaline series, 278.
Cook, A. H. See also Anker, R. M.
Cook, J. G., and Robinson, (Sir) R., synthesis of substances related to the sterols. Part XXXI, 391.
Cook, J. W., structures of degradation products of picene, 685.
Crawford, M., molecular compounds of phenylacetic acid and its salts. Part I. Covalent compound of sodium, 259.
Crowfoot, D. See Carlisle, C. H.
Cumming, A. C., obituary notice of, 54.

D.

- Dick, A.** See Campbell, C. V. T.
Dippy, J. F. J., influence of the solvent on the relative strengths of monocarboxylic acids, 550.
Dodds, G. See Barclay, I. M.
Dorée, C. See Bellamy, L. J.
Downer, J. See Cook, A. H.
Drew, H. D. K., and Kelly, D. B., dithio- β -isoidigo (dithiodiphthalimidine) from phthalonitrile. Part I. A condensation reaction of *o*-dinitriles. Part II. Mechanism of its formation from phthalonitrile; derivatives. Part III. Further members of the series, 625, 630, 637.
Duff, J. C., preparation of *o*-hydroxyaldehydes from phenols and hexamethylenetetramine, 547.
Duff, R. B., and Percival, E. G. V., carbohydrate sulphuric esters. Part II. Isolation of 3:6-anhydro-methylhexosides from methylhexopyranoside sulphates, 830.

E.

- Earlam, W. T.** See Morton, R. A.
Edgar, J. L., and Paneth, F. A., separation of ozone from other gases, 511.
the determination of ozone and nitrogen dioxide in the atmosphere, 519.
Emeléus, H. J., Maddock, A. G., and Reid, C., derivatives of monosilane. Part II. The iodo-compounds, 353.
Evans, L. K., and Gillam, A. E., effect of molecular environment on absorption spectra of organic compounds in solution. Part II. $\alpha\beta$ -Unsaturated ketones, 815.
Ewens, R. V. G., and Gibson, C. S., organic compounds of gold. Part IX. Structure of tetraethyl-sulphatodigold, $(Et_2Au)_4(SO_4)_2$, 109.

F.

- Fairbrother, F.**, electrolytic dissociation processes. Part III. Exchange of radiobromine between inorganic and organic bromides, 293.
Ferguson, J. See Campbell, C. V. T.
Fisk, P. M., Liberman, A., and Pollak, F. F., rapid determination of copper in its alloys, 877.
Ford, L. H., and Peat, S., polysaccharide associated with β -amylase, 856.
Foster, C. K. See Hodgson, H. H.
Fowkes, F. S., and McClelland, E. W., dismutation of disulphides. Part IV., 187.
Friend, J. N., samarium selenate and its solubility in water, 112.

G.

- Ghosh, R., Todd, A. R., and Wright, D. C.**, *Cannabis indica*. Part VI. Condensation of pulegone with alkyl resorcinols; synthesis of cannabinol and of a product with hashish activity, 137.
Gibling, T. W., molecular volume and structure. Parts I and II., 299.
Gibson, C. S., and Weller, W. T., organic compounds of gold. Part VIII. Dialkyl gold derivatives of dibasic acids, 102.
Gibson, C. S. See also Ewens, R. V. G.
Gillam, A. E., Hey, D. H., and Lambert, A., absorption spectra of the phenylpyridines and pyridyl-diphenyls, 364.
Gillam, A. E., Lynas-Gray, J. I., Penfold, A. R., and Simonsen, J. L., constitutions of eremophilone, hydroxyeremophilone, and hydroxydihydroeremophilone. Part IV., 60.
Gillam, A. E., and West, T. F., absorption spectra of terpenoid compounds. Part I. "isoThujone," 811.
Gillam, A. E. See also Evans, L. K.
Gindy, M. See Warren, F. L.
Golberg, L., and Robinson, (Sir) R., synthesis of substances related to the sterols. Part XXXVII. Derivatives of chrysene, 575.
Gorvin, J. H. See Ayling, E. E.
Goss, F. R. See Andsley, A.
Goulden, F. See Badger, G. M.
Graymore, J., cyclic methyleneimines. Part III. Hydrolysis of quaternary compounds; preparation of secondary amines, 39.
Guichard, M. See Baxter, G. P.

H.

- Hadfield, (Sir) R. A.**, obituary notice of, 54.
Hafez, M. M. See Bennett, G. M.
Hampson, G. C., and Robertson, J. M., bond lengths and resonance in the *cis*-azobenzene molecule, 409.
Harper, S. H., m. ps. of toxicarol and of related compounds, 878.
Harvey, D. G., Miller, E. J., and Robson, W., the Adamkiewicz, Hopkins and Cole, and Rosenheim tests for tryptophan; configuration of the organic molecule responsible for the colour formation and its bearing on the constitution of yohimbine, with the action of formaldehyde on tryptophan, 153.
Hatt, H. H., Pilgrim, A., and Stephenson, (Miss) E. F. M., pinacol-pinacolone rearrangement of phenyl-substituted benzopinacols, 478.
Haworth, E., obituary notice of, 241.
Haworth, R. D., and Sheldrick, G., constituents of natural phenolic resins. Part XIX. Action of formalin on 4-keto-6:7-dimethoxy-1-veratryl-1:2:3:4-tetrahydronaphthalene-2-carboxylic acid, 289.

- Haworth, W. N., Heath, R. L., and Peat, S.**, constitution of yeast mannan, 833.
Haworth, W. N., Owen, L. N., and Smith, F., properties of 3:6-anhydroglucose, 88.
Hayes, H. T., and Hunter, L., associating effect of the hydrogen atom. Part VII. N-H-N bond; derivatives of pyrazole and indazole, 3.
Heath, R. L. See Haworth, W. N.
Hedley, G. W., obituary notice of, 444.
Heilbron, I. M., Jones, E. R. H., Roberts, K. C., and Wilkinson, P. A., studies in the sterol group. Part XLIII. Unsaponifiable portion of the acetone extract of plantation rubber, 344.
Hey, D. H. See Gillam, A. E.
Hickling, A., and Rodwell, F., elimination of formaldehyde in analysis of formaldehyde-formic acid mixtures, 51.
Hickson, W. S. E. See Bailey, K. C.
Hidayetulla, M. S., Shah, R. C., and Wheeler, T. S., chalkones: production of 2-aryl-tetral-1-ones from chalkone dibromides via the related β -aryloyl- α -arylpromonitriles, 111.
Hilditch, T. P. See Atherton, D.
Hinkel, L. E. See Ayling, E. E.
Hodgson, H. H., Birtwell, S., and Walker, J., interpretation of the Sandmeyer reaction, 770.
Hodgson, H. H., and Foster, C. K., cleavage of arylazo- β -naphthylamines by alcoholic hydrochloric acid, 755.
Hodgson, H. H., and Nicholson, D. E., coupling of *m*-fluorophenol with diazotised amines and preparation of 2-fluorobenzoquinone, 645. nitrous acid as a nitrating and oxidising agent. Part IV. *N*-Dialkylanilines. Part V. Reactions with the four 3-halogenodimethylanilines, 470, 766.
Hodgson, H. H., and Nixon, J., studies in aromatic substitution. Part IV. Action of fuming nitric acid on 3-fluoroanisole and 3-fluoro-2-, -4-, and -6-nitroanisoles, 793.
Hönigschmid, O. See Baxter, G. P.
Hoggarth, E. See Clemo, G. R.
Hope, J. See Bolam, T. R.
Hornung, B. See Cook, A. H.
Howells, W. J., persulphate-iodide reaction. Part II. Critical increment, and the catalysed reaction in the presence of neutral salts, 641.
Hudson, B. J. F., and Robinson, (Sir) R., addition of maleic anhydride and ethyl maleate to substituted styrenes, 715.
Hughes, E. D., and Ingold, C. K., theory of aromatic substituents and rearrangements with reference to the benzidine change, 608.
Hunter, L., and Marriott, J. A., associating effect of the hydrogen atom. Part VIII. N-H-N bond; benzimidazoles, glyoxalines, amidines, and guanidines, 777.
Hunter, L., and Roberts, C. B., associating effect of the hydrogen atom. Part IX. N-H-N bond; virtual tautomerism of formazyl compounds, 820. azo-group as a chelating group. Part V. Metallic derivatives of arylazo-oximes and of formazyl compounds, 823.
Hunter, L. See also Hayes, H. T.
- I.**
- Ingold, C. K.** See Hughes, E. D.
Irving, H., and Cherry, G. W., Bunsen's salt, 25.
Irwin, M. See Balfe, M. P.
- J.**
- Jaeger, (Mrs.) R., and Robinson, (Sir) R.**, two ketones of the stilboestrol group, 744.
- Jamison, (Miss) M. M., and Turner, E. E.**, mutarotation of ethyl-alcoholic solutions of *l*-menthyl benzoyleformate, 538.
Jones, B., halogenation of phenolic ethers and anilides. Part X. Substituted tolyl ethers. Part XI. Substituted benzyl ethers of alkylphenols, 267, 358.
Jones, D. G. See Cook, A. H.
Jones, E. R. H., and Meakins, R. J., constitution of lupeol, 757.
Jones, E. R. H. See also Bilham, P., and Heilbron, I. M.
Jones, W. J. G. See Owen, L. N.
- K.**
- Kelly, D. B.** See Drew, H. D. K.
Kelly, D. F. See Reilly, J.
Kenyon, J., and Young, D. P., retention of asymmetry during the Curtius and the Beckmann change, 263.
Kenyon, J. See also Balfe, M. P.
King, H., 2-acetyl-1-methylpyrrolidine, 337.
King, H., and Ware, L. L., alkaloids of Bulgarian belladonna root, 331.
King, L. E., and Robinson, (Sir) R., synthesis of substances related to the sterols. Part XXXV. Furfurylideneacetone as a reagent for extension of ring systems, 465.
Koechner, A., palmitoyl- and stearoyl-glycylglycine and diglycylglycine, 564.
Koechner, A., and Robinson, (Sir) R., synthesis of substances related to the sterols. Part XXXVI. (Continuation of Part XXII.), 566.
Kon, G. A. R. See Bilham, P., and Simpson, J. C. E.
- L.**
- Lambert, A.** See Gillam, A. E.
Lesslie, (Miss) M. S., Turner, E. E., and Winton, E. R., salts of diphenic acid with optically active bases, 257.
Lberman, A. See Fisk, P. M.
Loudon, J. D., and Shulman, N., mobility of groups in chloronitrodiphenylsulphones, 722.
Loudon, J. D. See also Campbell, C. V. T.
Lucas, E. W., obituary notice of, 57.
Luis, E. M., and McKenzie, A., isomeric mandelo-hydrzones of benzoin, 647.
Lynas-Gray, J. I. See Gillam, A. E.
- M.**
- McClelland, E. W.** See Fowkes, F. S.
Macdonald, A. D. See Russell, P. B.
McGinnis, (Miss) N. A., and Robinson, (Sir) R., synthesis of substances related to the sterols. Part XXXIV. Thiopyranophenanthrene derivatives, 404.
McIlwain, H., amino-sulphonic acid analogues of natural amino-carboxylic acids, 75.
McKenzie, A. See Luis, E. M.
McQuillin, F. J., and Robinson, (Sir) R., synthesis of substances related to the sterols. Part XXXIX. (A) Derivatives of hydrindene. (B) Reduction of 1- γ -ketobutyl-2-naphthol, 586.
Maddock, A. G. See Emeléus, H. J.
Marriott, J. A. See Hunter, L.
Marsh, J. K., hydrated nitrates of rare-earth elements, 561.
Martin, A. R. See Adams, A. H.

- Martin, R. H.**, polycyclic aromatic hydrocarbons. Part XXVIII. Dibenzfluorennes, 679.
Maxted, E. B., and **Morrish, R. W. D.**, catalytic toxicity and chemical structure. Part VII. Elimination of catalyst poisons by conversion into derivatives of shielded type, 132.
Meakins, R. J. See **Bilham, P.**, and **Jones, E. R. H.**
Melville, H. W., chemistry of macromolecules, 414.
Miller, (Miss) C. C., qualitative semimicro-analysis with reference to Noyes and Bray's system : the thallium group; the copper and the tellurium group, 72, 786.
 behaviour of rhenium and of the complex thiocyanates of rhenium and molybdenum with toluene-3:4-dithiol, 792.
Miller, E. J. See **Harvey, D. G.**
Mitchell, S., **Schwarzwald, K.**, and **Simpson, G. K.**, photolysis of chloronitroso-compounds, 602.
Morgan, (Sir) G. T., obituary notice of, 689.
Morice, (Miss) I. M., and **Simpson, J. C. E.**, triterpene group. Part VIII. Minor triterpenoid constituents of Manila elemi resin, 181.
Morrish, R. W. D. See **Maxted, E. B.**
Morton, R. A., and **Earlam, W. T.**, absorption spectra in relation to quinones : 1:4-naphthaquinone, anthraquinone, and their derivatives, 159.
Mostafa, (Miss) A. See **Schönberg, A.**
Moubasher, R. See **Schönberg, A.**

N.

- Nandi, K. N.** See **Balfe, M. P.**
Neuberger, A., action of periodic acid on glucosamine derivatives, 47.
 preparation of 3-methyl glucosamine, 50.
Nicholson, D. E. See **Hodgson, H. H.**
Nixon, J. See **Hodgson, H. H.**
Norris, A. D. See **Bell, R. P.**

O.

- O'Connor, (Miss) M.** See **Reilly, J.**
Oldham, J. W. H., and **Ubbelohde, A. R.**, acyl derivatives of iodine, 368.
Owen, L. N., **Peat, S.**, and **Jones, W. J. G.**, furanose and pyranose derivatives of glucurone, 339.
Owen, L. N. See also **Haworth, W. N.**

P.

- Paneth, F. A.** See **Edgar, J. L.**
Patterson, T. S., **Buchanan, C.**, and **Summers, A. J.**, polarimetric study of intramolecular rearrangement in inactive substances. Part VIII. α - and β -Furfuraldoximes and other aldoximes, 606.
Peat, S. See **Ford, L. H.**, **Haworth, W. N.**, and **Owen, L. N.**
Penfold, A. R. See **Gillam, A. E.**
Percival, E. E., and **Percival, E. G. V.**, formation of mixed osazones and their anhydrides, 750.
Percival, E. G. V. See **Duff, R. B.**, and **Percival, E. E.**
Phillips, M. A., condensation of halogeno-pyridines, -quinolines, and -isoquinolines with sulphanilamide, 9.
 preparation of 4-acetamido-2-hydroxyphenyl arsenoxide, 192.
 condensation of 6-amino-2-hydroxypyridine with ρ -acetamidobenzenesulphonyl chloride, 291.

Picard, C. W., and **Spring, F. S.**, triterpene resins and related acids. Part XII. Oxidation of β -amyradienyl-I acetate with selenium dioxide, a new route to Jacobs' ketodiol, $C_{30}H_{44-46}O_3$, 35.

Pilgrim, A. See **Hatt, H. H.**
Platt, B. C., optically active α -diethylallyl alcohol, 316.

Pollak, F. F. See **Fisk, P. M.**

Pope, (Sir) W. J., obituary notice of, 697.

Porter, J. C., **Robinson, (Sir) R.**, and **Wyler, M.**, monothiophthalimide and derivatives of oxindole, 620.

R.

- Raistrick, H.** See **Baker, W.**
Randles, J. E. B., equilibrium between cuprous and cupric compounds in presence of metallic copper, 802.
Rapson, W. S., 1-methoxy- and 2-methoxy-triphenylene, 15.
Rapson, W. S., and **Shuttleworth, R. G.**, benzocyclooctatetraenes. Part I., 487.
Rawson, C., obituary notice of, 58.
Ray, R. C., and **Sinha, P. C.**, two lower oxides of boron, 742.
Reid, C. See **Emeléus, H. J.**
Reilly, J., **Kelly, D. F.**, and **O'Connor, (Miss) M.**, distribution of nicotine between trichloroethylene and water, 275.
Roberts, C. B. See **Hunter, L.**
Roberts, K. C. See **Heilbron, I. M.**
Robertson, J. M. See **Hampson, G. C.**
Robinson, (Sir) R., presidential address, 220.
Robinson, (Sir) R., and **Seijo, E.**, synthesis of substances related to the sterols. Part XXXVIII. Ethyl cyclohexane-1:4-dione-2-carboxylate and other intermediates, 582.
Robinson, (Sir) R., and **Slater, S. N.**, synthesis of substances related to the sterols. Part XXIX., 376.
Robinson, (Sir) R., and **Vasey, C.**, hexamethoxybenzene, 660.
Robinson, (Sir) R., and **Weygand, F.**, synthesis of substances related to the sterols. Part XXX., 386.
Robinson, (Sir) R., and **Willenz, J.**, synthesis of substances related to the sterols. Part XXXII., 393.
Robinson, (Sir) R. See also **Bateman, L. C.**, **Cook, J. G.**, **Golberg, L.**, **Hudson, B. J. F.**, **Jaeger, (Mrs.) R.**, **King, L. E.**, **Koechner, A.**, **McGinnis, (Miss) N. A.**, **McQuillin, F. J.**, and **Porter, J. C.**
Robson, W. See **Harvey, D. G.**
Rodwell, F. See **Hickling, A.**
Russell, P. B., **Todd, A. R.**, **Wilkinson, S.**, **Macdonald, A. D.**, and **Woolfe, G.**, *Cannabis indica*. Part VII. Chemical constitution and hashish activity. Part VIII. Analogues of tetrahydrocannabinol, 169, 826.

S.

- Saunders, B. C.** See **Chapman, N. B.**
Schönberg, A., and **Mostafa, (Miss) A.**, identity of Hinsberg's *o*-trisulphidobenzoic acid thioanhydride with Smiles and McClelland's 2-dithiobenzoyl, 793.
Schönberg, A., **Moubasher, R.**, and **Mostafa, (Miss) A.**, formation of methylene ethers by action of diazomethane on α -ketolactones and on diphenyl triketone, with a note on pyrolysis of coumarandione and allied substances, 348.
Schwarzwald, K. See **Mitchell, S.**
Seijo, E. See **Robinson, (Sir) R.**

Seymour, D. E., and **Spring, F. S.**, triterpene resins and related acids. Part XIII. Bromination of α -amyranol benzoate and β -amyranol acetate, 319.
Shah, R. C. See **Hidayetulla, M. S.**
Sheldrick, G. See **Haworth, R. D.**
Shulman, N. See **Loudon, J. D.**
Shuttleworth, R. G. See **Rapson, W. S.**
Sidgwick, N. V., complex formation, 433.
Simonsen, J. L. See **Gillam, A. E.**
Simpson, G. K. See **Mitchell, S.**
Simpson, J. C. E., and **Kon, G. A. R.**, constitution of β -boswellic acid, 793.
Simpson, J. C. E. See also **Morice, (Miss) I. M.**
Sinha, P. C. See **Ray, R. C.**
Slater, S. N., synthesis of 1-methyl-6-isopropyl-phenanthrene, 68.
Slater, S. N. See also **Robinson, (Sir) R.**
Smith, F. See **Haworth, W. N.**
Solomon, W., modified cinchona alkaloids. Part VIII. Niquine, 77.
Speakman, J. C., dissociation constants and stereochemistry of stereoisomeric dibasic acids, 490.
Spence, R., and **Wild, W.**, photodecomposition of gaseous acetone. Part II., 590.
Spring, F. S., and **Swain, G.**, dehalogenation of 6-chloro-3-benzoyloxy- Δ^4 -cholestene, 83.
 conversion of 6-chloro-3-benzoyloxy- Δ^4 -cholestene into $\Delta^{4:6}$ -cholestadienyl benzoate, 320.
Spring, F. S. See also **Picard, C. W.**, and **Seymour, D. E.**
Stephenson, (Miss) E. F. M. See **Hatt, H. H.**
Summers, A. J. See **Patterson, T. S.**
Sutton, L. E. See **Bloom, G. I. M.**
Swain, G., and **Todd, A. R.**, synthesis of dibenz-fluorenones, 674.
Swain, G. See also **Spring, F. S.**

T.

Tadros, W. See **Zaki, A.**
Thorpe, (Sir) J. F., obituary notice of, 444.
Todd, A. R., vitamins of the B group, 414.
Todd, A. R. See also **Ghosh, R.**, **Russell, P. B.**, and **Swain, G.**
Toms, B. A., internal phase and emulsifier as factors determining viscosity of oil-in-water emulsions, 542.
Towers, J. W., obituary notice of, 242.
Turner, D. G. See **Cocker, W.**
Turner, E. E. See **Jamison, (Miss) M. M.**, and **Lesslie, (Miss) M. S.**
Turner, (Miss) E. G., and **Wynne, W. P.**, tetrachloronaphthalenes derived from dichloronaphthalene tetrachlorides and from trichloronaphthalene-sulphonic acids, 243.
Tweed, W. T. See **Baker, J.**

U.

Ubbelohde, A. R. See **Oldham, J. W. H.**

V.

Vasey, C. See **Robinson, (Sir) R.**

W.

Walker, J. See **Hodgson, H. H.**
Ware, L. L. See **King, H.**
Warren, F. L., **Gindy, M.**, and **Baddar, F. G.**, 6-bromo-2-methoxy-1-naphthoic acid, 687.
Warren, F. L. See also **Badger, G. M.**
Weller, W. T. See **Gibson, C. S.**
West, T. F., application of the diene synthesis to terpenoid compounds. Part II. Esters derived from maleic anhydride adducts, 140.
West, T. F. See also **Gillam, A. E.**
Weygand, F. See **Robinson, (Sir) R.**
Wheeler, T. S. See **Hidayetulla, M. S.**
Whytlaw-Gray, R. See **Baxter, G. P.**
Wild, W. See **Spence, R.**
Wilkinson, P. A. See **Heilbron, I. M.**
Wilkinson, S. See **Russell, P. B.**
Willenz, J. See **Robinson, (Sir) R.**
Wilsmore, N. T. M., obituary notice of, 59.
Wilson, C. L., and **Wylie, A. W.**, preparation of tetradeuterioethylene dibromide by direct union of dideuteroacetylene and deuterium bromide; route to tetradeuterioethylene, 596.
Wilson, C. L. See also **Wilson, K. B.**
Wilson, (Miss) J. M. See **Briggs, L. H.**
Wilson, K. B., and **Wilson, C. L.**, electrolytic reduction of organic compounds. Part IV. Bimolecular products from sorbic acid at a solid and a liquid gallium cathode: analogy with over-voltage, 874.
Winton, E. R. See **Lesslie, (Miss) M. S.**
Woolfe, G. See **Russell, P. B.**
Work, T. S., synthesis of *N*-trimethylglycylcholine, 190.
Wright, D. C. See **Ghosh, R.**
Wyler, M. See **Porter, J. C.**
Wiley, (Sir) W. F., obituary notice of, 465.
Wylie, A. W. See **Wilson, C. L.**
Wynne, W. P. See **Turner, (Miss) E. G.**

Y.

Young, D. P. See **Kenyon, J.**
Young, F. W., obituary notice of, 243.

Z.

Zaki, A., and **Tadros, W.**, *p*-aldehydophenyltrimethylammonium salts and their condensation and decomposition products, 350.
 relative directive powers of carboxyl and quaternary ammonium group, 562.