In these matters the Army and R.A.F. worked in full collaboration, so avoiding overlapping and waste of material and man-power. Though sandfly fever had been practically eliminated at R.A.F. stations in Malta for several years before the war thanks to the practice of prophylactic measures recommended by the R.A.F. Sandfly Commission in 1922, this disease became the chief cause of sickness and non-effectiveness of R.A.F. personnel there during the siege of Malta from 1940 to 1943. This retrogression was due to masses of rubble resulting from enemy bombardment providing ideal breeding-grounds for sandflies. By 1945, however, supplies of D.D.T. were adequate to treat the rubble and quarters, and the incidence of sandfly fever was markedly reduced. Despite the large numbers of personnel stationed in or in transit through yellow-feverendemic areas in West Africa, there was not a single case of this disease. Doubtless this was due to the protective action of the anti-yellow-fever vaccine given before leaving the United Kingdom.

This volume is worthy of study, not only by those in the military services, but also by civilians engaged in preventive medicine and hygiene in warm climates.

HAROLD E. WHITTINGHAM.

#### FELLOWS OF THE ROYAL SOCIETY

Biographical Memoirs of Fellows of the Royal Society. 1958—Volume 4. (Pp. 359; with portraits. 30s.) London: The Royal Society. 1958.

One by one the scientific giants of the early years of the present century depart from us, leaving their works as a lasting memorial. The record of their researches with full bibliographies in this series is of great value. In the present volume the different authors of the separate memoirs maintain the high standard of appraisement and literary ability set by their predecessors.

The 27 Fellows here commemorated comprise five chemists, four mathematicians, three geologists, three engineers, three physicists, a biochemist, a zoologist, a botanist, four medical scientists, and two statesmen-John Anderson (Viscount Waverley) and Walter Elliot. Lord Bridges contributes an eloquent and masterly account of Lord Waverley's life. Like another statesman, Sir Stafford Cripps, John Anderson began his career as a chemist, and at Leipzig in 1903-4 wrote a thesis on the chemistry of uranium. He had many links with medicine throughout his career: first on the National Insurance Commission, then as Second Secretary of the Ministry of Health, as Permanent Under-Secretary of State at the Home Office, and in his later years with the Medical Research Council as Lord President of the Council. He put at the service of Government his scientific as well as his administrative gifts, especially in the advance of nuclear energy, and always encouraged medical progress.

Two other scientists who became statesmen were F. A. Lindemann (Viscount Cherwell), and Walter Elliot. The first was an eminent physicist whose services in the second world war were conspicuous and are ably recorded by Sir George Thomson and Sir William Farren. Lord Boyd-Orr and Sir Stephen Tallents contribute an appreciative memoir of Walter Elliot. Elliot qualified M.B., B.Ch. Glasgow in 1913. His early researches were on nutrition, for which he obtained a D.Sc. degree; and he had an abiding interest in the subject when Minister of Agriculture, Secretary of State for Scotland, and Minister of Health. In the last-named office, before and in the early days of the

war, his work in administering the Emergency Health Services and the evacuation schemes should not be forgotten.

Two outstanding medical scientists receive their meed of praise here. Sir John Parsons, who by his teaching, published work, and researches so greatly added to modern knowledge of the physiology and pathology of the eye, died in 1957 in his 90th year. His memoir is admirably written by Sir Stewart Duke-Elder. The life of Sir Ernest Kennaway, which was heroic as well as rendered illustrious by his discoveries in physiological chemistry and, especially, in cancer research, is sympathetically recorded by J. W. Cook. We can only briefly refer here to the other medical memoirs—one on J. B. Leathes, the physiologist, by Sir Rudolph Peters, and the other on Charles Todd by C. H. Andrewes. Of interest also to medical readers is the memoir of A. J. Ewins by Sir Henry Dale. Ewins was the discoverer of sulphapyridine (pyridylsulphanilamide), popularly known as "M and B," which marked so important an advance in the treatment of cerebrospinal fever and pneumonia. The memoirs of the remaining Fellows equally repay perusal; and the volume as a whole records conspicuous advances in many branches of scientific progress.

ARTHUR S. MACNALTY.

#### **BOOKS RECEIVED**

Review is not precluded by notice here of books recently received.

Diabetic Manual. By Elliott P. Joslin, M.D., Sc.D. Tenth edition. (Pp. 304; illustrated. 28s.) London: Henry Kimpton. 1959.

Anesthesia for Infants and Children. By Robert M. Smith, M.D. Foreword by Robert E. Gross, M.D. (Pp. 418; illustrated. 90s.) St. Louis: C. V. Mosby Company. London: Henry Kimpton. 1959.

Somatic Complications following Legal Abortion. By Jan Lindahl. Translated by S. H. Vernon. (Pp. 182. 42s.) London, Melbourne, Toronto: William Heinemann Medical Books Ltd. 1959

Strahlenbiologie. Grundlagen und Ergebnisse. By Hedi Fritz-Niggli. (Pp. 379+xvi; illustrated. DM. 65.) Stuttgart: Georg Thieme Verlag. 1959.

Pain and Itch. Nervous Mechanisms. Ciba Foundation Study Group No. 1. Edited by G. E. W. Wolstenholme, O.B. E., M.A., M.B., M.R.C.P., and Maeve O'Connor, B.A. (Pp. 120+viii; illustrated. 12s. 6d.) London: J. and A. Churchill Ltd. 1959.

The Medical Annual. A Year Book of Treatment and Practitioners' Index. Edited by R. Bodley Scott, M.A., D.M., F.R.C.P., and R. Milnes Wa'ker, M.S.(Lond.), F.R.C.S. (Pp. 672+x1; illustrated. 42s.) Bristol: John Wright and Sons Ltd. 1959.

A Text-book of X-Ray Diagnosis. Edited by S. Cochrane Shanks, C.B.E., M.D., F.R.C.P., F.F.R., and Peter Kerley, C.V.O., C.B.E., M.D., F.R.C.P., F.F.R., D.M.R.E. Volume IV. Third edition. (Pp. 714+xvi; illustrated. £5 10s.) London: H. K. Lewis and Co. Ltd. 1959.

Color Atlas and Management of Vascular Disease. By William T. Foley, M.D., F.A.C.P., and Irving S. Wright, M.D., F.A.C.P. (Pp. 170+xiii; 194 illustrations. \$18.) New York: Appleton-Century-Crofts, Inc. 1959.

Psychology, the Nurse and the Patient. By Doris M. Odlum, M.A.(Oxon.), B.A (Lond.). M.R.C.S., L.R.C.P., D.P.M., Dip.Ed. Third edition. (Pp. 200+viii. 15s.) London: Iliffe and St. 1s Ltd. 1959.

Midwifery. By M. Fensom, S.R.N., S.C.M., M.T.D. The Oxford Handbooks for Medical Auxiliaries. (Pp. 96+xiv; illustrated. 5s. 6d.) London: Oxford University Press. 1959.

Night of the Mist. By Eugene Heimler. (Pp. 192. 15s.) London: The Bodley Head. 1959.

# **Universities and Colleges**

#### UNIVERSITY OF OXFORD

In Congregation on October 15 the degree of B.M. was conferred, in absence, on A. D. J. Farquharson and D. G. W. Cooper.

#### UNIVERSITY OF CAMBRIDGE

In Congregation on October 17 the following degrees were conferred:

CONTETIEU.

M.D.—\*C. R. Leeson.
M.B., B.CHIR.—\*D. D. Devine, \*D. M. C. Forster.
M.B.—\*N. C. Barber, \*M. T. Haslam, \*E. N. Wardle, \*J. M. Yong,
V. C. Faber, K. I. Mackenzie.

\*By proxy.

#### UNIVERSITY OF LONDON

The following candidates have been approved at the examinations indicated:

ACADEMIC POSTGRADUATE DIPLOMA IN CLINICAL PATHOLOGY.—V. Blackman, R. A. Custudio Lopez, P. W. Edmondson, P. Grasso, F. R. Jones, W. N. Laing, A. S. Mohamed, H. Myint, S. Sivalingam, J. Suskin, S. P. Varran, B. MacM. Wadham, Don S. P. S. V. J. Wijesekera.

DIPLOMA IN CLINICAL PATHOLOGY.—P. F. A. Milner, Sanatkumar Mitra,

#### UNIVERSITY OF WALES

The following degrees were conferred in October:

M.D.-W. H. Beasley. M.Ch.-L. P. Thomas, E. Meurig Williams.

## UNIVERSITY OF SHEFFIELD

Dr. Anne E. Walker has been appointed full-time temporary Assistant Lecturer in Therapeutics.

Dr. H. R. Worth has resigned from the post of Deputy Medical Officer to the Student Health Service on his appointment as Student Health Medical Officer in the University of Aberdeen, and Mr. B. N. Catchpole from the post of Lecturer in Surgery on his appointment as Reader in Surgery in the University of Adelaide.

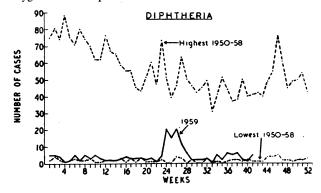
# Vital Statistics

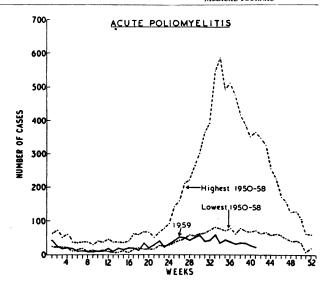
### England and Wales in Third Quarter

The live-birth rate was 16.3 per thousand population, the highest for a September quarter since 1949, when it was In the comparable quarters of 1958 and 1957 it was 15.9. The death rate was 9.0 per thousand population, as compared with 9.3 and 9.7 in the September quarters of 1958 and 1957. The infant mortality rate was 18.7 per thousand live births, a new low record. The previous lowest for this quarter was 20.1 recorded in 1956. The stillbirth rate was 20.3 per thousand live births and stillbirths; in the corresponding quarter of 1958 the rate was 21.5.—Registrar-General's Weekly Return, No. 41, 1959.

## Graphs of Infectious Diseases

The graphs below show the uncorrected numbers of cases of certain diseases notified weekly in England and Wales. Highest and lowest figures reported in each week during the years 1950-8 are shown thus ----, the figures for -. Except for the curves showing notifica-1959 thus tions in 1959, the graphs were prepared at the Department of Medical Statistics and Epidemiology, London School of Hygiene and Tropical Medicine.





#### Deaths in 1958

In England and Wales in 1958 the number of deaths from whooping-cough, 27, was the lowest ever recorded. while the number of deaths from cancer of the lung, 19,820, was the highest. Deaths from leukaemia and aleukaemia numbered 2,386. For the first time for many years they were slightly below the previous year's total (2,394).

#### Infectious Diseases

Areas where numbers of notifications were high in the latest two weeks for which figures are available.

	•	,				
Measles	3				Week Oct. 10	Ending Oct. 17
Staffordshire					49	125
Burton upon	Trent	C.B.			12	49
Tutbury R.D.					11	47
Acute I	Poliom	velitic				
London					6	3
Staffordshire		•••		•••	ŏ	3
West Bromwich					ŏ	2
Dysente	rv					
London					48	37
Berkshire					26	19
Bradfield R.D.					18	16
Warwickshire					30	34
Coventry C.B.					18	22
Nottinghamshire					6	31
Lancashire					115	101
Liverpool C.B					22	23
Eccles M.B.				•••	3	11
Yorkshire East 1	Riding				34	26
Kingston upor					25	10
Haltemprice U					8	16
Yorkshire West	Riding	g			92	87
Barnsley C.B.	`				16	17
Leeds C.B.					34	26
Glasgow		•••			172	195
Paratypl	hoid F	ever				
Caernaryonshire					3	3
Caernaryon M	.B.	•••		•••	3	3
			•••	•••	3	. 3
Diphthe						
London	•••	•••	•••	• • •	0	4
Islington	•••	•••	•••	•••	0	4
Food-po	isonin;	g				
Isle of Wight	•••	•••	• • •	•••	0	41
Sandown-Shank	clin U	.D.	•••		0	41

Thorax.—Issued quarterly (£3 annually). The new issue (Vol. 14, No. 5) includes:

VASCULAR COMPRESSION OF THE TRACHEA AND OESOPHAGUS. F. Ronald

VASCULAR COMPRESSION OF THE TRACHEA AND UESOPHAGUS. F. ROBBIG Edwards.

TRACHEAL EXTENSION IN RESPIRATION. R. S. HAITIS.

A REVIEW OF THE TREATMENT OF CARDIOSPASM. Kingsley Lawrance and John H. Shoesmith.

PATTERNS OF DISTURBED LUNG FUNCTION IN PATIENTS WITH EMPHYSEMATOUS BULLAE. Colin Ogilvie and Mary Catterall.

A COMPARISON OF EXPIRATORY AND INSPIRATORY FLOW RATES IN HEALTH AND IN CHRONIC PULMONARY DISEASE. R. S. MCNeill, G. D. Malcolm, and W. Rhind Brown.

SUCCESSEUL REMOVAL OF A MYYOMA OF THE LEFT ATRIUM. I Leigh Collis

W. Rhind Brown.

Successful Removal of a Myxoma of the Left Atrium. J. Leigh Collis and N. J. Shah.

The Defibrination Syndrome Arising During Mitral Valvotomy. G. I. C. Ingram and C. V. Mann.

Ventilatory Cost of Exercise Before and After Mitral Valvotomy. J. P. P. Stock and M. C. S. Kennedy.

Cyanosis as a Guide to Arterial Oxygen Desaturation. W. E. Medd, E. B. French, and V. McA. Wyllie.

A Trial of the Direct Method for Determining the Tensions of O2 and CO2 in Blood. S. J. G. Semple and I. Maureen Young.

Congenital Lobar Emphysema. P. G. I. Stovin.

Pulmonary Alveolar Microlithiasis. M. Abdel-Hakim, S. El-Mallah, M. Hashem, and S. Abdel-Halim.

Hashem, and S. Abdel-Halim.

Abstracts of World Medicine.-Issued in the first week of each month, this journal contains abstracts of important papers selected from the current medical literature of the world. Annual subscription, £4 4s.

#### SOCIETIES AND LECTURES

A fee is charged or a ticket is required for attending lectures marked . Application should be made first to the institution concerned.

#### Monday, November 2

GUY'S HOSPITAL.—At Physiology Lecture Theatre, 5.15 p.m., endocrine demonstration: Panhypopituitarism.

MARLBOROUGH DAY HOSPITAL.—8.15 p.m., Miss D. M. Fletcher: Work of the London Probation Service.

POSTGRADUATE MEDICAL SCHOOL OF LONDON.—4 p.m., Dr. B. Ackner: Postgrapusparis Microprostriols.

Psychosomatic Misconceptions.

7. And Psychosomatic Misconceptions.

8. And Psychosomatic Misconceptions.

8. And Psychosomatic Misconceptions.

9. And Psychosomatic Misconceptions.

9. And Polymonary Circulation.

10. And Psychosomatic Misconceptions.

#### Tuesday, November 3

BRITISH POSTGRADUATE MEDICAL FEDERATION.—At London School of Hygiene and Tropical Medicine, 5.30 p.m., Dr. J. M. Mitchison: Life Cycle of

and Tropical Medicine, 5.30 p.m., Dr. J. M. Mitchison: Life Cycle of Growing Cells.

FOUNTAIN HOSPITAL.—5.30 p.m., subject: Mental Subnormality and Hormonal Disorder. Dr. G. R. Fraser: Some Aspects of Cretinism: Dr. B. W. Richards and Mr. A. Rundle, B.Sc.: Familial Hormonal Disorder Associated with Mental Deficiency, Deaf Mutism, and Ataxia.

GROUP FOR THE REPRESENTATION OF THE VIEWS OF CLINICAL PSYCHIATRISTS.

—At Rygate Rooms, Tavistock House North, Tavistock Square, London, W.C., 5.30 p.m.

INSTITUTE OF DERMATOLOGY.—5.30 p.m., Dr. A. M. Jelliffe: Local Treatment with Degleoscius Lettorpes.

INSTITUTE OF DERMATOLOGY.—5.30 p.m., Dr. A. M. Jelliffe: Local Treatment with Radioactive Isotopes.

LEEDS NEUROLOGICAL SCIENCES COLLOQUIUM, 1959-60.—At Littlewood Hall, General Infirmary at Leeds, 5.15 p.m., Professor C. E. Lumsden: Functions of the Gila.

LIVERPOOL UNIVERSITY: DEPARTMENT OF EXTRA-MURAL STUDIES.—At Medical School, Ashton Street, 7.30 p.m., Dr. G. F. Somers: Development, Actions, and Relative Merits of Analgesic Drugs.

POSTORADUATE MEDICAL SCHOOL OF LONDON.—4 p.m., Dr. E. H. Belcher: Detection and Measurement of Radiation and Radioisotopes—II. ROYAL ARMY MEDICAL COLLEGE.—5 p.m., Dr. E. R. Cullinan.

ST. MARY'S HOSPITAL MEDICAL SCHOOL.—At Wright-Fleming Institute, 5 p.m., Dr. C. H. Edwards: Neurological Complications of Pregnancy, Labour, and Puerperium.

#### Wednesday, November 4

ASSURANCE MEDICAL SOCIETY.—At Medical Society of London, 5 p.m., Dr. P. M. F. Bishop: Recent Advances in Endocrine Therapy and their Influence on the Prognosis of Endocrine Disease.

INSTITUTE OF DERMATOLOGY.—5.30 p.m., Dr. R. W. Riddell: Laboratory Diagnosis of Fungous Infection.

INSTITUTE OF DISEASES OF THE CHEST.—5 p.m., Dr. Lynne Reid: Some

INSTITUTE OF DISEASES OF THE CHEST.—5 p.m., Dr. Lynne Reid: Some Types of Emphysema.

INSTITUTE OF UROLOGY.—At Royal College of Surgeons of England, 5 p.m., guest lecture by Mr. Wm. S. Mack: Klinefelter's Syndrome and Other Genetic Effects.

MIDLAND MEDICAL SOCIETY.—8.15 p.m., Mr. Hedley Atkins: A Critical Review of Treatment of Carcinoma of the Breast.

NORTH-WESTERN THORACIC SOCIETY.—At Aintree Hospital, Liverpool, 5 p.m., Dr. T. Lloyd Hughes: Clinical Findings of the M.M.R. Campaign in Liverpool; Mr. J. Dark and Dr. Pemberton: 1,000 Bronchoscopies.

POSTGRADUATE MEDICAL SCHOOL OF LONDON.—2 p.m., Dr. S. C. Frazer: Acid-base Metabolism.

ROYAL COLLEGE OF PHYSICIANS OF EDINBURGH.—5 p.m., John Matheson

Acid-base Metabolism.

ROYAL COLLEGE OF PHYSICIANS OF EDINBURGH.—5 p.m., John Matheson Shaw Lecture by Sir Kenneth Cowan: Climate of Health.

ROYAL COLLEGE OF SURGEONS OF ENGLAND: INSTITUTE OF UROLOGY.—At Royal College of Surgeons of England, 5 p.m., Urology Lecture by Mr. W. S. Mack: Klinefelter's Syndrome and other Genetic Defects. Medical

W. S. Mack: Klinefelter's Syndrome and other Genetic Defects. Medical practitioners are invited.

ROYAL INSTITUTE OF PUBLIC HEALTH AND HYGIENE.—3.30 p.m., Dr. A. H. Humphry: Australian Aborigine and the Flying Public Health Doctor (illustrated).

St. Andrews University.—At Demonstration Room, Department of Medicine, 2.30 p.m., Dr. R. S. McNeill: Pulmonary Ventilation and Perfusion in Health and Disease.

## Thursday, November 5

BRITISH POSTGRADUATE MEDICAL FEDERATION.—At London School of Hygiene and Tropical Medicine, 5.30 p.m., Professor G. Pontecorvo, F.R.S.: Genetic Analysis via Somatic Cells.
Institute of Neurology.—5 p.m., Professor O. L Zangwill: Sensory Deprivation in Animals and Man.

LIVERPOOL MEDICAL INSTITUTION.—8 p.m., Dr. J. D. Blainey: Diagnosis and Management of Pyclonephritis.

LONDON UNIVERSITY.—At Royal Society of Medicine, 5 p.m., Semon Lecture by Professor Victor Lambert: Malignant Disease of the Post-nasal Space.

POSTGRADUATE MEDICAL SCHOOL OF LONDON.—4 p.m., Dr. T. Alper, Dr. M. Ebert, and Dr. R. H. Thomlinson: Biological Effects of Radiation.

General Survey.

Ochera Survey.

ROYAL COLLEGE OF PHYSICIANS OF LONDON.—5 p.m., Bradshaw Lecture by Dr. Alan Kekwick: On Adiposity.

ROYAL COLLEGE OF SURGEONS OF ENGLAND.—5 p.m., Hunterian Lecture by Professor H. W. Burge: Vagal Nerve Section in Chronic Duodenal Theory. Ulceration

Ulceration.

ROYAL EYE HOSPITAL.—3.30 p.m., Dr. T. H. Whittington: Some Factors in the Formation of the Images.

ROYAL SOCIETY.—4.30 p.m., Professor A. V. Hill, F.R.S., and Dr. J. V. Howarth: Reversal of Chemical Reactions in Contracting Muscle during an Applied Stretch.

ROYAL SOCIETY OF HEALTH.—At Assembly Hall, College of Technology, Howard Street, Rotherham, 10.15 a.m., symposium on Mental Health by Dr. R. J. Donaldson, Dr. V. Ainsworth, and Dr. F. J. S. Esher.

St. George's Hospital Medical School.—5 p.m., Dr. Maurice Partridge: demonstration in psychiatry.

ST. GEORGE'S HOSPITAL MEDICAL SCHOOL.—5 p.m., Dr. Maurice Partridge: demonstration in psychiatry.

UNIVERSITY COLLEGE LONDON: DEPARTMENT OF BIOCHEMISTRY.—At Physiology Theatre, Gower Street, W.C., 5 p.m., public lecture by Dr. P. N. Campbell: Synthesis of Protein by the Cytoplasmic Components of Animal Cells—(1) Experimental Approaches to the Study of the Synthesis of Specific Proteins by Cell-free Systems.

#### Friday, November 6

●INSTITUTE OF DERMATOLOGY.—5.30 p.m., Dr. S. C. Gold: clinical demonstration.

demonstration.

INSTITUTE OF DISEASES OF THE CHEST.—5 p.m., Dr. N. Lloyd Rusby: clinical demonstration.

INSTITUTION OF ELECTRICAL ENGINEERS: MEDICAL ELECTRONICS DISCUSSION GROUP.—At Savoy Place, W.C., 5.30 for 6 p.m., discussion to be opened by Dr. H. G. Epstein and Mr. E. J. Steadman, B.Sc.: Electronic and X-ray Equipment for Explosive Atmospheres.

POSTORADUATE MEDICAL SCHOOL OF LONDON.—(1) 10 a.m., Professor R. Barnes: Cartilageneus Tumours of Bone. (2) 4 p.m., Dr. D. Hunter: Mistakes in Diagnosis.

SOCIETY OF CHEMICAL INDUSTRY: FINE CHEMICALS GROUP.—At 14, Belgrave Square, S.W., 6.30 p.m., Dr. B. C. L. Weedon: Electrolytic Methods in Preparative Organic Chemistry.

#### Saturday, November 7

LEOSTOMY ASSOCIATION OF GREAT BRITAIN.—At Great Hall, B.M.A. House, 2.15 p.m., meeting of London Division. Miss May Windsor: Ileostomy Association and the Hospitals.

MIDLAND THORACIC SOCIETY.—At Birmingham Medical Institute, 3 p.m., Dr. D. A. Williams; Allergy and Asthma.

#### Sunday, November 8

MANCHESTER UNIVERSITY: FACULTY OF MEDICINE AND COLLEGE OF GENERAL PRACTITIONERS: NORTH-WEST ENGLAND FACULTY.—At Theatre 1, Clinical Sciences Building, York Place, 11 a.m., Professor W. I. C. Morris:

#### **APPOINTMENTS**

BURNE, BRIAN H., M.R.C.S., L.R.C.P., D.P.H., Senior Assistant County Medical Officer, Buckinghamshire County Council.

SOUTH-WESTERN REGIONAL HOSPITAL BOARD.—R. H. Anderson, M.B., B.S., Registrar in General Surgery, Truro; H. T. Ap Simon, M.B., Ch.B., D.Obst.R.C.O.G., Registrar in General Medicine, Frenchay Hospital, Bristol; Sheila M. Eades, M.B., B.S., Registrar in Paediatrics, South Devon and East Cornwall Hospital, Plymouth; G. T. Goodey, M.B., B.S., D.Obst.R.C.O.G., Registrar in Obstetrics and Gynaecology, Royal Devon and Exeter Hospital; J. O. Jones, M.B., Ch.B., Registrar in Psychiatry, Moorhaven Hospital, Plymouth; N. Mishra, M.M.F. (Calcutta), D.T.M.&H., Registrar in Diseases of the Chest, Bristol; T. L. Bradbeer, M.B., F.R.C.S., D.L.O., Consultant Ear, Nose, and Throat Surgeon to the Devon and Exeter Clinical Area; D. L. Walker, M.D., D.P.M., Consultant Psychiatrist, Medical Superintendent, Horton Road and Coney Hill Group of Hospitals; Mary M. Weeks, M.B., Ch.B., Assistant Geriatrician to the West Cornwall Clinical Area; T. W. Lloyd, D.M., M.R.C.P., Consultant Physician/Geriatrician to the North Gloucestershire Clinical Area.

## BIRTHS, MARRIAGES, AND DEATHS

## BIRTHS

EIIIs.—On October 22, 1959, at the Radeliffe Infirmary, Oxford, to Wendy, wife of Harold Ellis, M.Ch., F.R.C.S., a son—Jonathan Richard.

Pavillard.—On October 22, 1959, at the Chelsea Hospital for Women, London, S.W., to Irene (formerly Templeton), wife of Dr. Stanley S. Pavillard, M.B.E., D.T.M.&H., of Las Palmas, Canary Islands, a sister for Linda and Anita—Sandra Maria.

Pinkerton.—On October 9, 1959, at 147, Kenton Lane, Newcastle upon Tyne, to Norma (formerly Russell), and Myre C. Pinkerton, F.R.C.S.Ed., a development of the property of the prope

a daughter—Claire Louise.

700ds.—On September 22, 1959, at the Jessop Hospital, Sheffield, to Sheila (formerly Costello) and Gilbert Woods, twin daughters.

#### **DEATHS**

Aldridge.—On October 5, 1959, at Wardens Wood, De Maulley Road, Canford Cliffs, Bournemouth, Hants, Frederick James Aldridge, B.M.,

Aldridge.—On October 5, 1959, at Wardens Wood, De Mailley Road, Canford Cliffs, Bournemouth, Hants, Frederick James Aldridge, B.M., B.Ch.

Barua.—On October 7, 1959, at St. Bartholomew's Hospital, London, E.C., Ganga Prasad Barua, M.B., D.O.M.S.

Bishop.—On October 5, 1959, at Folkestone, Kent, Michael Henry Hamilton Bishop, M.B., B.Chir, of Derby, aged 32.

Goode.—On October 4, 1959, Henry Norman Goode, M.C., M.B., F.R.C.S.Ed., D.P.H., of Clifton, Totland Bay, Isle of Wight, Israel.—On October 9, 1959, William James Israel, M.D., of 30, Greencroft Gardens, London, N.W., aged 77.

Morgan.—On October 3, 1959, at the Postgraduate Hospital, Hammersmith, London, W., Clifford Jones Morgan, M.B., B.S., of "Isgraig," Conway Caerns, aged 34. Conway, Caerns, aged 34.