

## MEMORANDA: MEDICAL, SURGICAL, OBSTETRICAL, THERAPEUTICAL, PATHOLOGICAL, ETC.

### POWDERED MALT EXTRACT AS A NUTRIENT.

DESICCATED malt extract consists of the extract prepared in the usual way from fine barley malt, the evaporation *in vacuo* at a low temperature being continued until a dry product is obtained, which requires little treatment by pulverization, etc., to form a stable powder, sweet to the taste and having a rich malty flavour.

I have found this powder very serviceable as a nutrient, and as it seems to be insufficiently known, draw attention to it here. Its effects are shown by gain in weight, as well as in some cases by the relief of dyspeptic symptoms. Thus, in atonic dyspepsia, when a moderate meal containing some carbohydrates, taken at midday, is followed by drowsiness, flatulence, and abdominal discomfort, if a couple of teaspoonfuls of the powdered malt extract be taken with the food, digestion is rendered much more comfortable. It is also an elegant preparation, easy to deal with and pleasant to take, in contrast with the sticky liquid generally in use. It can be dissolved in milk, spread on bread and butter, or taken like sugar with farinaceous puddings and the like at a meal. The dose is a dessertspoonful or more.

The following are instances of its use noted within the past three months:

1. A tall, thin woman, aged about 28 years, with tachycardia and subacute bronchitis, weighed 7 st. 6 lb. She was ordered the powdered extract, one teaspoonful in warm milk three times a day, as well as rest, quinine, and other remedies. In twenty-eight days she had increased 6½ lb.; in fifty-eight days more, 3½ lb.
2. A boy of 20 years, who had grown rapidly and had "influenza heart," height 6 ft., weight, 9 st. 1½ lb., was sent to live on a farm and take the powdered malt as in the last case. In thirty-nine days the weight had increased 4½ lb.; in thirty days more 5½ lb.
3. Chronic albuminuria. Weight had dropped from 12 st. ¼ lb. to 11 st. 3½ lb., and tuberculous trouble was feared. Under the use of the powdered extract the weight rose in 22 days 5 lb.
4. Male, aged 26 years, 6 ft. 2 in., 9 st. 10½ lb., had had empyema. He had been taking cod-liver oil freely. Added the malt: in fourteen days increased 2½ lb.
5. Female, 31 years, functional heart disorder. Weight, 7 st. 11½ lb.; whilst taking the malt she increased 2½ lb. in twenty-five days.
6. Male, 27 years, mitral damage, 5 ft. 10 in., 10 st. 3 lb. To take two teaspoonfuls of the extract every morning. In 77 days increased 3½ lbs.
7. Healthy male, 5 ft. 10 in., 11 st. 3½ lb. A large teaspoonful of the extract was taken generally twice daily. In twenty-one days increased 2 lbs.

In some of these cases the results were partly due to other measures used; nevertheless, I am convinced that the extract powerfully aided in the cure. I have used Messrs. Allen and Hanbury's preparation.

Gordon Square, W.C.

R. HINGSTON FOX, M.D.

### DIAGNOSIS OF A TOOTH IN THE LUNG AND VERIFICATION.

E. H., a female, aged 29, came under my care in April, 1901, for haemoptysis, with some slight amount of fever (100-101° in the mouth). She had a very irritable cough, which was constant day and night, and could not be relieved by any kind of treatment. She had been sent to Bournemouth, having had an attack of pleurisy on the right side. This, together with the haemoptysis, caused her to be regarded as an early case of phthisis. The haemorrhage in April was rather sharp, and continued for some weeks. Beyond the fever and haemoptysis I could find no distinct evidence of any lung mischief, nor were any tubercle bacilli ever found in the sputum. When she was better I examined her throat, but could find nothing in the upper air passages to account for the cough. On my advice she entered a sanatorium, and remained there for two or three months. During the whole time her cough persisted and the sputum remained blood-stained. Her temperature during her stay in the sanatorium was that of a typical phthisical case, being 98° to 99° in the mouth and 100° to 101° in the rectum. In October, 1901, on going into the history of her case more carefully, I discovered that she had had, in October, 1900, nearly all her teeth taken out under chloroform. I at once became convinced that

she had probably inhaled a tooth during the operation, and that it had lodged somewhere in the lung. I therefore told her what I thought, and advised her to go to see a physician in London, to whom I wrote mentioning that I thought her symptoms were due to a tooth having got into the lung. He wrote back to me stating that he thought "she had some dilated bronchi in the right lung produced probably by chronic bronchitis, and that these are the cause of her principal symptoms. The history of the tooth extraction is curious. It is possible that she got a tooth into her bronchus though she denied it. This would account for the symptoms."

On her return I examined her chest with the Roentgen rays but failed to discover any sign of a tooth. The symptoms continued much the same until January 26th, 1902, when she came to my house and brought a nasty ragged crown of a tooth which she said she had coughed up that day and which had been in her lung fifteen months. Since then her cough has softened and lessened in frequency and she is quickly losing it.

Cases of foreign bodies in the lungs are not uncommon; but it is generally known to the patient or his friends that it is there. It is not often that a patient is met with giving such an indistinct history and with symptoms so closely resembling an early case of phthisis.

Bournemouth.

WILLIAM T. GARDNER, M.B.Lond.

### CULEX LARVAE DEVOURING EACH OTHER.

WHILE recently engaged in breeding some species of mosquito I have been struck with the following fact, which has not, I think, been sufficiently dwelt upon in connection with the larvae of *Culex*. I refer to diet.

The larvae of *Culex* are to be found in almost every collection of stagnant water in ponds, cisterns, etc., in which the mosquito deposits her boat-shaped eggs. The eggs hatch out in great numbers after one or two days, and increase in size until ready to undergo the nymphal or pupa development. The question suggests itself, What do they live upon? Their diet, we are told, consists of anything eatable, but by choice animal matter of all kinds, sewage, etc., upon which they feed greedily. Frequently the water in which they are to be found contains very little organic matter, in fact, in cisterns, water-butts, etc., they grow and develop in water which may be described as potable. Mr. Christy, on page 36 of his small work on *Mosquitos and Malaria*, 1900, recently reviewed in your columns, says, "I have, on several occasions, watched the older and stronger ones devour the younger or more sickly." I can go further than this after a careful study of the larvae of *Culex* in test tubes of ordinary cistern water for several weeks, and my experience has been that they invariably feed upon each other, the older and larger devouring all the smaller ones until none but the big ones remain—a survival of the strongest—when these often attack and succeed in eating each other. They do this both when swimming free in the water, and also when hanging head downwards at the surface. The head is always the part first attacked at its junction with the thoracic part of the body, and when once a grip has been obtained it is not let go till the captured larva has disappeared into the interior of its captor, the process of deglutition often occupying several minutes. It would be very interesting to have further experimental evidence of what happens when the larvae of *Culex* and *Anopheles* are placed together in the same water.

The larvae of *Anopheles* are also said to be cannibalistic. Possibly, instead of destroying the larvae of the harmless *Culex* along with the larvae of *Anopheles* in measures undertaken to stamp out malaria, it might be useful to try what effect would be produced by the introduction of *Culex* larvae into *Anopheles* pools. The introduction of small fish (minnows) has been already suggested. Most things in the economy of Nature have their natural antidotes. The larvae of these two genera are not usually found in the same places, one being a vegetable and the other an animal feeder. *Culex* is supposed to select sewage and foul water to breed in, but as often as not it is met with in numbers in water of comparative purity in close proximity to bungalows.

K. BRUCE BARNETT, M.B., B.Ch.

Jubbulpore, Central Provinces, India.

This was the kind of friend the Association knew in Dr. Long Fox, and as such will mourn him; and those who knew him longest will most keenly feel the loss the Association has sustained.

He was a kindly gentleman, a warm friend, a talented physician, a first-rate business colleague, and as such the Association, as well as Clifton, must feel his loss.

Dr. THOMAS ENGLISH DUNN, author of the famous song "Ben Bolt," of which such good use was made by Mr. Du Maurier in *Tribby*, died in New York on April 1st, at the age of 83. Dr. Dunn's career was somewhat erratic. After graduating in medicine he studied law, and was called to the Bar. He soon gave up the law, however, and for some years made a living by his pen. In 1859 he returned to medicine, which he practised at Newark till advancing age compelled him to retire. Dr. Dunn was not particularly proud of the authorship of "Ben Bolt," which he used to refer to as "that unfortunate indiscretion of mine."

DEATHS IN THE PROFESSION ABROAD.—Among the members of the medical profession in foreign countries who have recently died are Dr. Johann Lasarewitsch, sometime Professor of Obstetrics and Gynaecology in the University of Kharkoff, author of a textbook on midwifery and an atlas of gynaecological and obstetrical instruments, aged 72; Dr. Crouzat, Professor of Clinical Obstetrics in the Faculty of Medicine of Toulouse; Dr. Adolf Jarisch, Professor of Dermatology in the University of Graz, aged 52; Dr. B. Mircoli, Professor of Clinical Medicine in the Medical Faculty of Camerino; Dr. Fleurot, Professor in the Medical School of Dijon, and sometime Surgeon to the civil hospital of that city; and Dr. J. Deschamps, Surgeon to the civil hospitals of Liège.

## British Medical Association.

### SEVENTIETH ANNUAL MEETING, MANCHESTER, 1902.

#### ANNUAL EXHIBITION.

*Chairman:* Dr. Woodcock.

*Secretary:* Dr. A. Brown Ritchie, 117, Boston Street, Hulme, Manchester.

*Telegraphic Address:* Annually Manchester.

*Telephone No.:* 2376 Manchester.

The Annual Exhibition in connexion with the above meeting will be held in the Drill Hall, Burlington Street, Manchester, on July 28th, 29th, 30th, 31st, and August 1st, and will comprise the following Sections:

A. Foods and Drugs, including Prepared Foods, Chemical and Pharmaceutical Preparations, Antiseptic Dressings, etc.

B. Medical and Surgical Instruments and Appliances, Books, Diagrams, Charts, etc.

C. Sanitary and Ambulance Appliances, Consulting-room Fittings and Furniture.

The Drill Hall affords excellent accommodation for the purposes of the Exhibition, the dimensions of the main building being 169 ft. long by 85 ft. wide, and affording a total floor space area of about 14,500 sq. ft. The Hall is situated well within 300 yards of the Owens College, where the Sectional, business, and other meetings of the Association are to be held.

The Committee have also had placed at their disposal ample space for the erection of large marquee, etc., for the accommodation of exhibits of carriages, etc., and also for motor cars, on trial and for sale, suitable for the use of medical men for professional and other purposes.

Arrangements are also being made on Exhibition premises for lounge and smoking room, writing room, ladies' tea and retiring room, lavatories, cloak room, etc.

Exhibitors in Sections A, B, and C (other than members of the Association) will be charged for table space at prices from 5s. and upwards per square foot according to position.

Tables 3 ft. 6 in. wide will be provided, the central tables

7 ft. wide, being divided by partitions carried to the height of 3 ft. 6 in. into two tables of 3 ft. 6 in. wide.

In Section C, floor space will be provided at prices from 6d. to 1s. 6d. per square foot according to position. On floor space no erection, stands, or tables for the display of goods will be allowed, but exhibitors may at their own cost put down a platform in height not exceeding 6 in. from floor.

Electric current and gas supply can be arranged for if due notice is given to Secretary by exhibitors requiring same. The use of spirit lamps, etc., will not be allowed in the building.

Plan of hall, particulars, and regulations will be ready on April 15th, after which date they may be obtained upon application being made to the Honorary Secretary for the Exhibition.

Copies of prospectus and regulations in full can be obtained upon application.

A catalogue, giving short description of exhibits, and of which 2,000 copies will be printed, will be distributed free to members of the Association attending the meeting. Applications for advertisements in the same should be made at an early date.

Communications on all general matters connected with the exhibition and all applications for space should be addressed to the Honorary Secretary, Dr. A. Brown Ritchie, 117, Boston Street, Hulme, Manchester, to whom all cheques are to be made payable. Telegraphic address, Annually, Manchester.

Space will, as far as possible, be allotted as it is applied for, and all applications will be dealt with in the order in which they are received.

Exhibits will only be received conditionally upon the regulations and conditions being strictly complied with; and, further, that, in any question that arises the decision of the Honorary Secretary shall be final and binding upon all parties.

An official Guidebook will be presented to members, which will consist of 300 pages (cloth bound) illustrated with upwards of 80 half-tone engravings specially prepared for the work. In addition to description of the Owens College, Medical School, and the usual maps, plans, etc., it will contain about twenty special articles written by experts on the history, antiquities, churches, hospitals, charities, public buildings, parks, manufactures, etc., and also an account of the Manchester Ship Canal. 3,000 copies will be printed and a selected number of advertisements will be admitted. Prospectuses giving full particulars may be obtained from the Exhibition Secretary.

## ASSOCIATION INTELLIGENCE.

### COUNCIL.

#### NOTICE OF MEETING.

A MEETING of the Council will be held in the Council Room of the Association at 429, Strand (corner of Agar Street) London, on Wednesday, the 16th day of April, at 2 o'clock in the afternoon.

March, 1902.

FRANCIS FOWKE, *General Secretary.*

#### NOTICE OF QUARTERLY MEETINGS OF COUNCIL FOR 1902.

MEETINGS of the Council will be held on April 16th, July 9th, and October 22nd. Candidates for election by the Council of the Association must send in their forms of application to the General Secretary not later than twenty-one days before each meeting—namely, June 18th and October 1st.

#### ELECTION OF MEMBERS.

Any qualified medical practitioner, not disqualified by any by-law of the Association, who shall be recommended as eligible by any three members, may be elected a member by the Council or any recognised Branch Council.

Candidates seeking election by a Branch Council should apply to the Secretary of the Branch. No members can be elected by a Branch Council unless their names have been inserted in the circular summoning the meeting at which they seek election.

FRANCIS FOWKE, *General Secretary.*

## COMMISSION FROM TRADESPEOPLE TO THE MEDICAL PROFESSION.

A CORRESPONDENT writes to say that an instrument maker, who had supplied a surgical appliance upon his recommendation to a patient, sends him a sum of money called "trade discount," and he asks whether this may be accepted.

\*\*\* Similar questions have frequently been answered. (See BRITISH MEDICAL JOURNAL, February 23rd, 1899; September 12th, 1899; March 2nd, 1901; April 6th, 1901.) There ought to be no doubt about the matter. The money must be returned, and our correspondent might fittingly express his sense of the impropriety of the offer.

## MEDICAL DISPUTES IN THE LAY PRESS.

A "NORTHERN Medical Man" draws our attention to letters that recently appeared in the *Aberdeen Daily Journal* from Drs. Bruce and Adam (Dingwall), in which the disputes in connexion with the medical management of the Ross Memorial Hospital are again brought before the public.

\*\*\* We have frequently in the BRITISH MEDICAL JOURNAL referred to this dispute, and we agree with our correspondent that medical men generally, and especially the direct representative of the medical profession in Scotland, should settle any medical dispute that may arise without appealing to the public press.

## UNIVERSITIES AND COLLEGES.

## UNIVERSITY OF EDINBURGH.

FIRST PROFESSIONAL EXAMINATION.—The following candidates have passed this examination in the subjects undernoted:

*Zoology*.—M. Ahmed, D. W. Anderson, E. Banks, I. W. Brebner, H. F. Briggs, Mary Brown, C. H. Burgess, S. T. Champaloup, A. E. Chisholm, R. D. Clayton, W. Core, I. H. Cornelius, F. S. Cumming, J. S. Daniell, J. T. Dickson, T. H. Dickson, J. C. Drysdale, J. D. C. Duncan, J. Eaves, C. N. Finn, W. G. Fröhlich, J. F. Gallagher, W. L. Gordon, W. H. Gowans, C. M. Hall, Mary D. Hancock, F. O. Inglis, T. B. Johnston, A. M'Donald, W. O. S. M'Gowan, D. F. Mackenzie, J. M. MacLaughlin, J. B. M'Morland, R. P. M'Morland, K. M'Murtrie, K. W. D. Macrae, R. E. Marwick, A. H. M. Maxwell, F. C. Mills, H. J. More, R. H. Nofan, G. Y. Richardson, J. Ritchie, R. M. Robb, A. H. M. Robertson, W. G. Robertson, T. H. Scott, H. G. Smith, W. S. Stevenson, P. Stewart, A. J. Taylor, W. A. A. Taylor, J. M. Turnbull, V. A. Vijayakar, A. S. Walker, G. F. C. Wallis, R. H. Walton, W. C. Whiteside, E. D. Wilmot, Emily C. Wybourne, and A. W. Young.

*Physics*.—J. H. Aikman, J. A. Ainscow, W. Ashworth, E. Banks, D. M. Barcroft, A. J. Beattie, J. A. Belcham, J. H. Bell, J. H. Bennett, H. W. Binks, E. H. Black, F. G. H. R. Black, G. Blair, F. Blamire, J. D. Bowie, D. F. Buist, E. Burnett, W. T. Cameron, A. E. Chisholm, H. M. Christie, W. I. M. Clark, R. Cotter, Agnes M. Cowan, J. Y. Craig, R. G. Cunningham, J. A. Currell, J. Dass, R. Davidson, R. E. Davidson, A. Davies, A. N. Dick, A. M. Drennan, J. C. Drysdale, R. Duncan, D. D. Dunn, E. W. Dyer, S. S. Dykes, D. Eakin, J. S. Edwards, V. L. Evans, C. J. Fail, T. Y. Finlay, Mary S. Finlayson, J. C. Fleming, M. S. Fraser, R. Fraser, J. W. Frew, J. F. Gallagher, W. J. Geale, E. C. Girling, J. E. Gordon, W. H. Gowans, G. R. Gray, K. K. Grieve, E. R. Grieveson, G. F. Grogan, G. Gunn, Nettie D. Hendrie, J. R. Hill, J. M. Hill, A. S. Holden, W. P. Holden, R. F. Johnson, Blanche M. Z. Johnston, H. C. Johnston, T. B. Johnston, W. L. Johnston, W. C. A. Jolly, J. O. Jones, H. W. Kerrigan, J. H. Lamb, A. G. K. Ledger, S. B. Legge, A. Leitch, G. L. Little, N. F. Lloyd, P. Lornie, D. McCracken, J. McCutcheon, J. Macdonald, W. K. Macdonald, T. M'Ewen, G. B. Macgregor, G. D. M'Ivor, W. R. Mackenzie, M. Mackinnon, D. R. C. MacLagan, I. R. MacLeod, R. J. A. Macmillan, R. F. M'Morland, G. M'Mullan, A. C. B. M'Nurtrie, F. J. Nacnab, J. M. MacPhail, K. W. D. Macrae, J. M. M'Turk, Paula Naler, S. D. Main, E. P. Maitland, J. du T. Malan, D. Mann, J. S. Manson, R. E. Marwick, A. H. M. Maxwell, H. Miller, C. J. Milne, J. E. Nordon, Isabella Morley, J. Morrison, J. E. Murray, M. A. D. Naoroji, H. S. Nicolson, E. F. Niven, J. P. Nowell, Ethel A. Orchard, A. S. Paterson, J. L. H. Paterson, B. B. Phillips, G. Pollock, H. B. Porteous, A. Priestman, C. Pycroft, Edith Pycroft, G. Raubenheimer, W. H. Riddell, W. R. Ridley, W. G. Ryley, W. G. Rivers, W. A. Robertson, M. J. Da Rocha, A. Rose, F. Ross, J. M. Ross, Z. M. H. Ross, E. Russell, P. H. Salmond, A. Sandison, H. L. Sells, E. Sharpe, J. O. Shircore, A. G. H. Smart, L. D. Stephen, W. S. Stephenson, W. J. P. Sutherland, D. R. Taylor, L. R. Thomson, E. R. Thompson, H. H. Thorburn, S. G. Tibbles, A. E. Turnbull, Anne D. Urquhart, V. A. Vijayakar, G. F. C. Wallis, A. Wight, O. H. Williams, W. E. R. Williams, Maria P. Winning, Ethel Wiseman, A. F. Wright, Emily C. Wybourne.

*Botany*.—M. Ahmed, R. S. A. Bagnall, J. H. Bennett, W. I. M. Clark, A. J. Davin, M. C. E. Grahame, C. N. Hall, Mary C. Hamilton, A. J. Harpur, A. S. Hendrie, E. F. Johnston, Blanche M. Z. Johnston, W. L. Johnstone, P. J. M'Arde, J. D. M'Kelvie, D. F. Mackenzie, K. W. D. Macrae, D. Mann, G. M. Melville, J. Morris, Janet M. Murray, J. S. Orwin, W. G. Robertson, A. Sandison, H. G. Smith, H. V. Taylor, W. A. A. Taylor, J. A. R. Thompson, S. G. Tibbles, V. S. Vallathan, C. R. Wille, H. Wolf.

VICTORIA UNIVERSITY.  
DEGREE CEREMONY.

THE following candidates having passed Part II of the Final M.B. Examination were presented on Wednesday, March 26th.

*Bachelor of Medicine and of Surgery*.—E. M. Ashcroft, Owens; F. H. S. Ashworth, Owens; H. M. Berry, Univ.; A. T. Blease, Owens; J. B. Cook, Owens; R. B. Fletcher, Owens; J. E. Floyd, Owens; J. Hindshaw, Owens; H. L. Jenkins, Owens; J. A. Johnson, Univ.; C. P.

Lapage, Owens; H. F. Lee, Owens; W. L. Maccormac, Yorks.; H. S. McLellan, Owens; W. Parker, Owens; C. A. Ricketts, Owens; E. E. Roberts, Univ.; G. Taylor, Owens.

FINAL M.B. EXAMINATION.—The following candidates have satisfied the Examiners:

Part I.—J. W. Anderton, Owens; P. W. Ashmore, Yorks.; J. P. Bligh, Univ.; L. R. Braithwaite, Yorks.; R. Coates, Yorks.; E. Cundall, Yorks.; A. J. Edmonds, Owens; A. H. Gregson, Owens; G. Heathcote, Owens; B. Herald, Owens; W. E. Hewitt, Univ.; B. H. Hirst, Yorks.; A. S. Hopper, Univ.; A. E. Johnson, Owens; R. E. Knowles, Univ.; W. G. Lloyd, Univ.; H. F. McManus, Univ.; H. Maffin, Yorks.; W. B. Ramsden, Owens; F. H. Salisbury, Univ.; P. K. Steele, Yorks.; J. C. Teasdale, Yorks.; A. B. S. Todd, Yorks.; D. Walker, Owens; A. Wharton, Owens.

SECOND M.B. EXAMINATION.—The following candidates have satisfied the Examiners in the subjects undernoted:

*Anatomy and Physiology*.—F. Bailey, Yorks.; F. P. H. Birtwhistle, Yorks.; W. Calverley, Owens; Catherine Chisholm, Owens; R. Collier, Owens; W. E. Cooke, Univ.; Catherine L. Corbett, Owens; G. D. Dawson, Owens; R. L. Ferguson, Owens; J. Fletcher, Owens; R. R. Flint, Yorks.; E. S. H. Gill, Univ.; F. W. M. Greaves, Yorks.; W. L. Hawksley, Univ.; P. Hick, Univ.; F. C. Hudson, Owens; E. E. Hughes, Owens; E. Hulme, Owens; L. Hutchinson, Univ.; T. L. Kenion, Univ.; C. E. Lea, Owens; T. W. P. Leighton, Owens; J. T. R. MacGill, Owens; H. Mackenzie, Owens; H. E. Moore, Owens; G. C. Scott, Univ.; J. Smallley, Owens; J. F. Smith, Owens; \*P. Talbot, Owens; H. Thorp, Owens; H. Tomlin, Yorks.; A. M. Walker, Owens; T. E. Walker, Univ.; H. W. L. Waller, Univ.; F. J. Walton, Owens; W. D. Wilkins, Owens; J. S. Young, Owens.

*Materia Medica and Pharmacy*.—A. W. Byrne, Univ.; A. Cambell, Owens; F. C. Garrett, Owens; E. F. Hoare, Univ.; S. E. McClachey, Owens; S. W. McLellan, Univ.; H. G. Thompson, Univ.; S. H. West, Owens; W. A. Wheeldon, Owens; H. V. White, Owens.

\* University Scholarship.

## SOCIETY OF APOTHECARIES OF LONDON.

PASS LIST, March, 1902.—The following candidates passed in:

*Surgery*.—C. R. Bradley (Section I), St. George's Hospital; S. J. H. M. Eastwick-Field, Royal Free Hospital; J. W. Elliott (Section I), St. Mary's Hospital; H. S. French (Sections I and II), Oxford and Guy's Hospital; K. Heanley (Section I), Royal Free Hospital; E. O. Libbey, Leeds; S. C. Wilkinson (Sections I and II), Leeds.

*Medicine*.—F. G. Bennett (Section II), University College Hospital; W. T. Colyer, Cambridge; H. S. French (Sections I and II), Oxford and Guy's Hospital; R. Gauld (Sections I and II), London Hospital; K. Heanley (Section I), Royal Free Hospital; W. St. A. F. Hubbard (Sections I and II), Charing Cross Hospital; O. Millauro, Section II, Westminster Hospital; H. H. Sloane (Section II), St. Bartholomew's Hospital; W. P. Taylor, Sheffield and Bristol; J. E. Turle (Section II), University College Hospital; A. F. Van Dijk (Sections I and II), St. Bartholomew's Hospital.

*Forensic Medicine*.—H. S. French, Oxford and Guy's Hospital; W. St. A. F. Hubbard, Charing Cross Hospital; W. P. Taylor, Sheffield and Bristol; J. E. Turle, University College Hospital; A. F. Van Dijk, St. Bartholomew's Hospital; J. H. Williams, London Hospital.

*Midwifery*.—D. Cotes-Predy, Cambridge and St. George's Hospital; G. M. Crockett, Royal Free Hospital; E. F. Forjett, Edinburgh; H. S. French, Oxford and Guy's Hospital; H. M. Jones, Royal Free Hospital; J. A. Kilpatrick, King's College Hospital; M. E. Martin, Royal Free Hospital; H. H. Sloane, St. Bartholomew's Hospital; G. B. S. Soper, Guy's Hospital; S. Zweiback, Königsberg.

The diploma of the Society was granted to W. T. Colyer, S. J. H. M. Eastwick-Field, H. S. French, E. O. Libbey, S. C. Wilkinson, and J. H. Williams.

## PUBLIC HEALTH

AND

## POOR-LAW MEDICAL SERVICES.

## ENGLISH URBAN MORTALITY IN 1901.

In the accompanying table will be found summarized the vital statistics for 1901, relating to the thirty-three large English towns, including London, dealt with by the Registrar-General in his weekly returns issued during last year.

The 336,712 births registered during 1901 in these thirty-three large towns were equal to an annual rate of 29.4 per 1,000 of their aggregate population, estimated at nearly eleven and a-half millions of persons. This rate was 1.7 per 1,000 below the mean rate in the ten preceding years 1891-1900. In London the birth-rate last year was 29.0 per 1,000, while it averaged 29.8 in the thirty-two large provincial towns, among which it ranged from 22.5 in Halifax, 22.7 in Huddersfield, 23.1 in Bradford, and 24.2 in Brighton to 33.3 in Hull, 35.2 in West Ham, 35.5 in Sunderland, and 36.8 in Gateshead.

The 212,572 deaths registered last year in the thirty-three towns were equal to an annual rate of 18.6 per 1,000, against an annual rate of 19.2, 20.5, and 20.0 per 1,000 respectively in the three years 1898, 1899, 1900; in the ten years 1891-1900 the death-rate in these towns averaged 19.8 per 1,000. The rate of mortality in London during the year under notice was 17.6 per 1,000, while in averaged 19.2 in the thirty-two large provincial towns, among which it ranged from 12.9 in Croydon, 15.2 in Derby, 15.8 in Cardiff, and 15.9 in Leicester to 21.7 in Salford, 21.9 in Newcastle, 21.1 in Manchester, and 22.3 in Liverpool.

During the year under notice 30, 678 deaths were referred to the principal diseases in the thirty-three towns; these deaths were equal to an annual rate of 2.68 per 1,000, against an average rate of 2.75 per 1,000 from the same diseases in the ten pre-

## MEDICAL NEWS.

THE first lady to become a parish medical officer in the Highlands has just been appointed, Dr. Jane Boyes, who studied at Queen Margaret College, Edinburgh, having been elected Medical Officer for the Island of Coll, Argyllshire, in succession to Dr. William Henry Smith, deceased.

THE scheme for the foundation of a medical institute for women at Moscow does not make progress. The report of the Society founded to promote its establishment shows that the total capital so far available for the purpose is only 2,408 roubles. It is estimated that a million roubles will be needed. The membership of the Society is about 200, but there would appear to be a lack of enthusiasm in the payment of subscriptions.

WE are asked to state that a post-graduate course of clinical demonstrations will be given at the Westminster Hospital during the coming summer session. The demonstrations will be given on Tuesdays at 4.30 p.m., and will commence on May 13th. The fee for the course will be one guinea, but holders of the post-graduate conjoint ticket will be admitted without extra payment.

DONATIONS TO HARVARD MEDICAL SCHOOL.—Harvard has lately been exceptionally fortunate in attracting the benevolence of the pious founder. Mrs. C. P. Huntington, widow of a railroad magnate, has given £50,000 to the Medical School for the erection of a pathological and bacteriological laboratory, to be known as the Collis P. Huntington Laboratory. This makes a total of about £565,000 given to the school since last June. There were ten gifts of £12,000 each, twelve of £1,000 each, two of £400 each, and seventeen of £200 each, besides many of smaller figures.

CONGRESS OF FRENCH ALIENISTS AND NEUROLOGISTS.—The annual Congress of French Alienists and Neurologists will be held this year at Grenoble, from August 1st to 8th, under the presidency of Dr. E. Régis, Professor of Psychiatry in the University of Bordeaux. The questions proposed for discussion are: (1) Nervous Pathology; Tics in General (to be introduced by M. Nogues, of Toulouse); (2) Mental Pathology: Anxious States in Mental Maladies (to be introduced by M. Lalanne, of Bordeaux); (3) Forensic Medicine: Self-accusers from the Medico-Legal Point of View (to be introduced by M. Ernest Dupré, of Paris). The Secretary-General of the Congress is Dr. Bonnet, Physician of the Asylum of Saint-Robert, Isère.

THE CONTINENTAL ANGLO-AMERICAN MEDICAL SOCIETY.—A proposal by Dr. F. H. Burton Brown (of Rome) was laid before the annual meeting of the Continental Anglo-American Medical Society, that a luncheon of the Society be held every year at the meeting of the British Medical Association. A special committee was then appointed to consider how far the proposition can be carried out with a prospect of success. Any members of the Society who propose to be present at the annual meeting of the British Medical Association to be held at Manchester, in July, 1902, are requested to write to that effect, before leaving their winter quarters, to one of the members of the special committee: Dr. D. W. Samways, Place St. Roch, Mentone; Dr. Leonard Robinson, 1, Rue d'Aguesseau, Paris; Dr. St. Clair Thomson, 28, Queen Anne Street, London, W.

CONGRESS OF FRENCH PHYSICIANS OF AMERICA.—At the beginning of March a large gathering of French-Canadian physicians of the Province of Quebec was held at Laval University, Montreal, when it was unanimously decided to hold a congress of the French physicians of America on the occasion of the jubilee celebration of Laval University, Quebec, which will take place in June next. Dr. Brochu, Professor of the Medical Faculty of Laval, Quebec, was elected President; Dr. E. P. Lachapelle, Vice-President for Montreal and the Province of Quebec; Dr. C. Provost, Ottawa, for the Province of Ontario; and Dr. Archambault, of Cohoes, New York, for the United States. Dr. A. Simard, of Quebec, and Dr. Le Sage, of Montreal, were elected General Secretaries. It was also decided to ask the following to become honorary presidents to represent the universities in the Province: Dr. Craik, of McGill; Dr. F. W. Campbell, of Bishop's; Dr.

Rottot, of Laval, Montreal; and Dr. Simard, of Laval, Quebec. A general committee was appointed to make all arrangements.

A BILL is to be introduced into the United States Congress which provides that all persons in charge of hospitals, prison, gaol, and morgue in the District of Columbia shall deliver all bodies, which would otherwise have to be buried at the public expense, to a Board vested with authority either to allow the use of such bodies for the promotion of anatomical science under certain definite restrictions, or to cause such bodies to be buried. Under the present law bodies cannot be delivered to any Board for use in anatomical examinations, and numerous bodies have been buried at the public expense which might have been utilized for the advancement of medical education.

PAN-HELLENIC MEDICAL CONGRESS.—The second Pan-Hellenic Medical Congress will be held at Athens from May 17th to 21st, 1903. The Committee of the Congress, of which Professor Michael Hadjimichalis is President, has issued an invitation to all medical practitioners in Greece and to many in other countries to take part in the proceedings. The subjects proposed for discussion are: (1) Changes in the circulatory system resulting from malaria; (2) malaria in its relations with neuritis and polyneuritis; (3) alcoholic affections in Greece; (4) the relations of malaria to malignant growths; (5) the surgery of the central nervous system; (6) subphrenic abscesses; (7) the best surgical treatment of abscesses and hydatid cysts of the liver; (8) the effects of the surgical treatment of hernias (and particularly inguinal hernia) from the point of view of their complete cure; (9) the relations of malaria with pregnancy, parturition, and the puerperal state, and vice versa; (10) disturbances and changes of vision in arterio-sclerosis; (11) the mineral waters of Greece; (12) the most effectual means of combating the development and diffusion of infectious diseases in Greece.

EDINBURGH ROYAL INFIRMARY.—At the nurses' annual gathering held recently in the Edinburgh Royal Infirmary, all the members of the large nursing staff of the hospital were present, in addition to numerous nurses from the various other Edinburgh institutions, such as the Sick Children's Hospital, Leith Hospital, Maternity, etc. Several of the directors and a considerable number of the members of the staff and their wives attended, in addition to other guests. This year also more elaborate decorations were carried out than had been done in previous years, and a portion of the principal corridor, as well as the corridor leading from it to the Nurses' Home, was most tastefully draped. Refreshments were served throughout the evening in the nurses' dining hall, and musical and vocal selections were given in the recreation room of the Nurses' Home. In the large theatre the prizes for the past year gained by the nurses were presented by Mr. Patrick Blair, W.S., one of the directors. Following this, in the same theatre, two cinematograph exhibitions were given by Messrs. Fraser and Elrick, as well as a couple of one-act comediettas in which Miss Clouston and Miss Fuller and Drs. McRae and Webber took part. All of these entertainments were thoroughly appreciated, and the whole gathering was perhaps the most successful that has been held in the infirmary of late years.

CENTRALIZATION OF ASYLUM MANAGEMENT IN NEW YORK.—A Bill providing that the Local Board of Managers of the New York State Hospitals for the Insane be abolished, and that these hospitals be placed under the immediate jurisdiction of the State Commission in Lunacy, has recently been signed by the Governor of the State. By this Bill the State of New York removes all Boards of Managers from these hospitals, and hands these institutions over to a Commission appointed and established in Albany. The Bill is severely criticized by the leading medical journals. The Commission will, it is pointed out, control the destinies of many thousands of insane patients; will appoint a small army of employés in far-distant parts of the State; and will have the expenditure of millions of dollars. It will practically be an appanage of the Governor, who can at his option control its policy, its appointments, and its expenditure. The Bill, in short, unifies the State hospitals, and makes of them a political engine of great power.

## MEDICAL VACANCIES.

The following vacancies are announced:

- BETHNAL GREEN INFIRMARY.**—Assistant Medical Officer. Salary at the rate of £100 per annum, with furnished apartments, board, and washing. Applications, on forms to be obtained from the Medical Superintendent of the Infirmary, to whom they should be returned by April 15th.
- BOOTHBY BOROUGH HOSPITAL.**—Junior House-Surgeon. Salary, £80 per annum, with board, residence, and laundry. Applications to the Secretary.
- BRIDGWATER INFIRMARY.**—House-Surgeon. Salary £80 per annum, with board and residence. Applications to Mr. Johns Coombs, Honorary Secretary.
- CANTERBURY: KENT AND CANTERBURY HOSPITAL.**—Honorary Surgeon. Applications to the Secretary by April 25th.
- CARLISLE: CUMBERLAND INFIRMARY.**—Resident Medical Officer as House-Physician for first six months, and House-Surgeon for ensuing six months. Salary, at the rate of £30 and £100 per annum respectively, with board, lodging, and washing. Applications to the Secretary by April 11th.
- CARMARTHENSHIRE INFIRMARY.**—Resident Medical Officer; unmarried. Appointment for six months. Salary at the rate of £100 per annum, with furnished apartments, board, etc. Applications to the Secretary by April 8th.
- CENTRAL LONDON OPHTHALMIC HOSPITAL,** Gray's Inn Road, W.C.—Refraction Assistant. Salary, at the rate of £50 per annum. Applications to the Secretary.
- COBNWALL COUNTY ASYLUM,** Bodmin.—Junior Assistant Medical Officer, unmarried. Salary, £130 per annum, rising to £150, with board, furnished apartments. Applications to the Medical Superintendent by April 25th.
- COSFORD UNION.**—(1) Medical Officer and Public Vaccinator for the Bideston District. Salary, £72 per annum, and fees. (2) Medical Officer of the Workhouse. Salary, £50 per annum, and fees. Applications to be sent to the Clerk to the Guardians by May 1st.
- DUBLIN: RICHMOND, WHITWORTH, AND HARDWICKE HOSPITALS.**—Assistant Physician. Applications to the Secretary by April 7th.
- DUBLIN: ROYAL UNIVERSITY OF IRELAND.**—Extern Examiners in Surgery, Midwifery, Pathology, and Ophthalmology. Remuneration, £50, £35, £25, and £20 respectively, with usual travelling, etc., allowances. Applications to the Secretaries by April 19th.
- EDINBURGH: CRAIGLOCKHART POORHOUSE AND HOSPITAL.**—Medical Officer. Salary at the rate of £100 per annum, with board and apartments. Applications to the Clerk, Parish Council Chambers, Castle Terrace, Edinburgh, by April 7th.
- GUY'S HOSPITAL.**—Demonstrator of Bacteriology and Bacteriologist to the Hospital. Salary, £180, rising to £200 per annum. Applications to the Treasurer by April 12th.
- GUY'S HOSPITAL DENTAL SCHOOL.**—Travelling Scholarship of the value of £100. Applications to the Dean, Guy's Hospital, S.E., by June 1st.
- HANLEY, STOKES, AND FENYON JOINT HOSPITAL BOARD.**—Resident Assistant Medical Officer of the Infectious Diseases Hospital. Salary, £30 per annum, with board, residence, and washing. Applications to the Clerk of the Board, Town Hall, Hanley, Staffs.
- HEREFORDSHIRE GENERAL HOSPITAL.**—Assistant House-Surgeon. Salary, £35 per annum, with board and residence. Applications to the Secretary-Superintendent.
- HOSPITAL FOR CONSUMPTION AND DISEASES OF THE CHEST,** Brompton.—Resident House-Physicians. Appointment for six months. Honorarium £25. Applications to the Secretary by April 8th.
- LEEDS GENERAL INFIRMARY.**—Honorary Dental Surgeon. Applications to the General Secretary by April 17th.
- LEIOESTER INFIRMARY.**—Assistant House-Surgeon. Salary, £80 per annum, with board, apartments, and washing. Applications to the Secretary, 24, Friar Lane, Leicester, by April 14th.
- LINCOLN: HOSPITAL FOR THE INSANE.**—Assistant Medical Officer. Salary, £100 per annum. Applications to the Medical Superintendent, The Lawn, Lincoln.
- LIVERPOOL: ROYAL SOUTHERN HOSPITAL.**—Junior House-Surgeon. Salary, 60 guineas per annum. Applications to the Chairman of the Medical Board by April 5th.
- LONDON UNIVERSITY.**—Demonstrator in the Physiological Laboratories. Initial salary, £150. Applications to the Principal by April 14th.
- NEWCASTLE-ON-TYNE DISPENSARY.**—Visiting Medical Assistant. Salary, £160 for first year, £180 afterwards. Applications, on forms to be obtained from the Resident Medical Officer, to be sent to the Honorary Secretary, Mr. Joseph Carr, 41, Mosley Street, Newcastle-on-Tyne, by April 21st.
- NORTHAMPTON: ST. ANDREW'S HOSPITAL FOR MENTAL DISEASES.**—Assistant Medical Officer for six or seven months. Salary, 3 guineas a week, with board, lodging, and washing. Applications to the Medical Superintendent.
- NOTTINGHAM GENERAL DISPENSARY.**—Assistant Resident Surgeon, unmarried. Salary, £100 per annum, increasing £10 yearly, with furnished apartments, etc. Ladies not eligible. Applications to the Secretary, Mr. M. J. Preston, Journal Chambers, Nottingham.
- OLDHAM INFIRMARY.**—Senior House Surgeon. Salary, £100 per annum, with board, residence, and washing. Candidates to state if willing to accept Junior post at £75 per annum, etc. Applications to the Hon. Secretary by April 12th.
- OMAGH DISTRICT ASYLUM.**—Assistant Medical Officer, unmarried, and not exceeding 30 years of age. Salary, £100, and £50 in lieu of rations, with furnished apartments, etc. Applications to the Resident Superintendent by April 9th.
- ST. PANCRA'S AND NORTHERN DISPENSARY,** 126, Euston Road, N.W. Honorary Surgeon. Applications to the Honorary Secretary, Mr. H. P. Bodkin, 23, Gordon Street, Gordon Square, W.C., by April 11th.
- SHEFFIELD: UNIVERSITY COLLEGE.**—Demonstrator in the Bacteriological Laboratory. Salary, £150 per annum, increasing to £200. Applications to the Registrar by April 7th.
- SOUTHAMPTON INCORPORATION.**—Resident Assistant Medical Officer at the new Infirmary, Shirley Warren; not exceeding 28 years of age. Salary, £100 per annum, with apartments, rations, washing, and attendance. Applications, endorsed "Resident Assistant Medical Officer," to be sent to the Clerk to the Guardians, Workhouse, Southampton, by April 7th.
- SOUTHAMPTON: ROYAL SOUTH HANTS AND SOUTHAMPTON HOSPITAL.**—Assistant Physician. Applications to the Secretary before April 9th.
- STOCKPORT INFIRMARY.**—Junior Assistant House-Surgeon. Appointment for six months. Salary, at the rate of £40 per annum, with board, washing, and residence. Applications to the Secretary by April 8th.
- TEIGNMOUTH HOSPITAL.**—House-Surgeon. Salary, £70 per annum, with board, lodging, and washing, and £5 per annum in lieu of stimulants or mineral waters. Application to the House Committee.
- TOTTENHAM HOSPITAL.**—House Surgeon. Salary, £50 per annum, with board, residence, and laundry. Applications to the Chairman of the Joint Committee, Tottenham Hospital, N., by April 7th.
- TYNEMOUTH INFIRMARY.**—Two House-Surgeons, one on May 1st and the other on October 1st. Salary, at the rate of 52 guineas per annum, with rooms, board, and washing. Applications to Dr. F. O. Mears, 11, Northumberland Square, North Shields.
- WEST END HOSPITAL FOR NERVOUS DISEASES,** Welbeck Street, W.—Honorary Dental Surgeon. Must be L.D.S. Eng. Applications to the Secretary by April 22nd.

## MEDICAL APPOINTMENTS.

- ANDERSON, D. L.,** L.R.C.P., L.R.C.S. Edin., D.P.H., appointed Certifying Factory Surgeon for the Doncaster District of the West Riding of Yorkshire.
- ANGUS, H. M. ABERD.,** appointed Medical Officer of Health to the Bingley District Council, vice G. R. MacGregor, M.D. ABERD.

- BARFORD, A. M.,** M.D., L.R.C.P., M.R.C.S., appointed Assistant Anaesthetist to the Royal Dental Hospital, Leicester Square.
- BARNES, Arthur Stanley, M.D. Lond.,** M.R.C.P. Lond., B.Sc., appointed Senior House-Physician to the National Hospital for the Paralysed and Epileptic, Queen Square, vice Dr. Singer, resigned.
- BLAKE, A. F.,** M.R.C.S., L.R.C.P. Lond., appointed Medical Officer for the West Grays District of the Orsett Union.
- BOYES, Jane, L.R.C.P., L.R.C.S. Edin., L.F.P. & S. Glasg.,** appointed Medical Officer for the Parish of Coll, Argyllshire, vice W. H. F. Smith, M.R.C.S. Eng., deceased.
- DENNING, Charles Ernest, L.R.C.P., L.R.C.S. Ire.,** appointed Medical Officer to the Epping Union Workhouse.
- EVANS, Arthur, M.S. Lond., F.R.C.S. Eng.,** appointed Assistant Surgeon to Westminster Hospital.
- FOWLER, A. H.,** L.R.C.P. Lond., M.R.C.S. Eng., appointed Medical Officer for the Lower Ward of Tilbury of the Orsett Union.
- GARDNER, R. I., M.B., O.M. Glasg.,** appointed Medical Officer and Public Vaccinator for the Enfield Town, and Medical Officer for the Enfield Workhouse of the Edmonton Union.
- GILBERT, C. W.,** M.R.C.S., L.R.C.P. Lond., appointed Medical Officer for the East Grays District of the Orsett Union.
- GREENWOOD, Alfred, M.D. Vict.,** appointed Medical Officer of Health for Blackburn, vice James Wheatley, M.D. Lond., resigned.
- HUNTER, Mitchell, M.D., L.S.A.,** appointed Certifying Factory Surgeon for the Magherafelt District of the County of Londonderry.
- LLOYD, F. S.,** M.B. Lond., M.R.C.S. Eng., appointed Certifying Factory Surgeon for the Luton District of Bedfordshire.
- LONDON, J. Livingstone, M.B., C.M.,** appointed Physician to Burgh Hospital for Infectious Diseases, Hamilton; Police Surgeon to Burgh of Hamilton; and Medical Officer to Hamilton Combination Poorhouse.
- MCLEAN, C. J. R.,** M.D. Edin., D.P.H., R.C.P. & S. Ire., appointed Medical Officer of Health to the Doncaster Rural District Council.
- PAILETT, T. B.,** M.D. Brux., L.S.A., appointed Certifying Factory Surgeon for the Bar's Colne District of Essex.
- STEWART, Thomas Grainger, M.B. Ch.B. Edin.,** appointed Junior House-Physician to the National Hospital for the Paralysed and Epileptic, Queen Square, vice A. S. Barnes, M.D. Lond.
- TUKE, G. M.,** M.R.C.S. Eng., reappointed Medical Officer of Health to the Hollingbourn Rural District Council.
- VERNON, Ethel M.,** M.D., B.S. Lond., L.S.A., appointed Pathologist to the New Hospital for Women, Euston Road.

## DIARY FOR NEXT WEEK.

## TUESDAY.

**Royal Medical and Chirurgical Society,** 20, Hanover Square, W., 8.30 p.m.—Dr. F. J. Poynton and Dr. Alexander Payne: A Contribution to the Study of Malignant Endocarditis. Dr. William Ewart and Mr. A. S. Morley: The Possibility of Recovery from the Active Stage of Malignant Endocarditis illustrated by Cases and Specimens.

## WEDNESDAY.

- Hunterian Society,** London Institution, Finsbury Circus, E.C., 8.30 p.m.—Clinical Evening.
- Dermatological Society of London,** 11, Chandos Street, Cavendish Square, W., 5.15 p.m.—Demonstration of Cases of Interest.
- Sanitary Institute,** Parkes Museum, Margaret Street, W., 8 p.m.—Discussion on the Prevention of Malaria, to be opened by Dr. Patrick Manson.

## THURSDAY.

- Harveian Society of London,** Stafford Rooms, Titchborne Street, Edgware Road, W., 8.30 p.m.—Papers—Dr. E. Bowles: The Practical Treatment of Functional Vasomotor Disturbances. Mr. Raymond Johnson: Some Points in the Treatment of Tuberculous Disease of the Knee.
- British Gynaecological Society,** 20, Hanover Square, W., 8 p.m.—Dr. H. Macnoughton-Jones: Specimens. Dr. J. Halliday Croom: On the Secondary Aspects of Decidua Maligna.

## FRIDAY.

- Incorporated Society of Medical Officers of Health,** 9, Adelphi Terrace, W.C., 7.30 p.m.—Discussion on the Tenure of Office of Medical Officers of Health.
- Laryngological Society of London,** 20, Hanover Square, 5 p.m.—Cases and Specimens will be shown by Dr. Wyat Wingrave, Dr. W. H. Kelson, Dr. St. Clair Thomson, Mr. A. H. Cheate, Dr. Lack, and others.
- Clinical Society of London,** 20, Hanover Square, W., 8.30 p.m.—Mr. Thomas Garraway: Cases illustrating the Mode of Origin of certain Cysts of the Neck. Dr. W. J. Tyson: Case of intestinal Obstruction due to Embolism of a Branch of the Superior Mesenteric Artery. Mr. A. E. Barker: Cerebellar Abscess with Sudden Paralysis of the Respiratory Centres. Mr. H. L. Barnard: The Simulation of Acute Peritonitis by Pleuro-Pneumonic Disease.

## POST-GRADUATE COURSES AND LECTURES.

**Medical Graduates' College and Polyclinic,** 72, Chancery Street, W.C.—Demonstrations will be given at 4 p.m. as follows:—Monday, skin; Tuesday, medical; Wednesday, surgical; Thursday, surgical; Friday, ear.

## BIRTHS, MARRIAGES, AND DEATHS.

The charge for inserting announcements of Births, Marriages, and Deaths is 3s. 6d., which sum should be forwarded in post-office orders or stamps with the notice not later than Wednesday morning, in order to ensure insertion in the current issue.

## BIRTHS.

- HAYNES.**—On March 27th, at Clifton Lodge, Stockton-on-Tees, the wife of E. L. Haynes, M.R.C.S., L.R.C.P., of a daughter.
- MACMILLAN.**—On March 31st, at Monsall Lodge, Prestwich, the wife of D. Macmillan, M.D., of a son.
- SWAINSON.**—On March 25th, at Sandes Avenue, Kendal, the wife of E. A. C. Swainson, M.B. Camb., of a son.

## MARRIAGES.

- ADDISON—GRAY.**—On Tuesday, March 25th, at Trinity Presbyterian Church, Kensington Park Road, by the Rev. Hugh Falconer, M.A., B.D., Christopher Addison, M.D., F.R.C.S., youngest son of the late Robert Addison, sen., of Stalingsborough, Lincolnshire, to Isabel, youngest daughter of the late Archibald Gray, of 37, Holland Park, W., and of Mrs. Gray, St. Mary's Tower, Birnam, Perthshire.
- PLATT—HOOKE.**—On April 2nd, at All Hallows Church, Bishopsm. Poulton-le-Fylde, by the Rev. G. Leighton, M.A., Rector, John Edward Platt, M.S. Lond., F.R.C.S., of Manchester, to Ellen Dorothea, only daughter of Richard Hooke, of Kersal Dale, Higher Broughton, Manchester.

## DEATH.

**HAMILTON.**—March 26th, at Bordighera, Italy, FitzRoy Howard, the darling son of Giulio and Charlotte Hamilton, aged 4½ years. "Jesus called a little child unto Him."—Matthew, chap. xviii, 2nd verse.