

sympathy in the loss the family has sustained, and Her Majesty's own sorrow on account of the loss which the country has sustained, in the death of so great and good a man. Committees are being formed in London, Dublin, Manchester, Liverpool, and other large towns to carry out the memorial of the late baronet.

THE ABERDEEN ROYAL INFIRMARY.

DR. KEITH, who has for thirty-two years filled with much distinction the post of Surgeon to the Aberdeen Royal Infirmary, has just resigned that office, and been appointed Consulting Surgeon to the Hospital. Dr. Best, Dr. Davidson, Dr. Ogston, Dr. Rodger, and Dr. Charles Will are candidates for the appointment.

IRELAND.

ROYAL IRISH ACADEMY.

AT a meeting held on Monday, June 13th, the Rev. Professor Jellett, Senior Fellow of Trinity College, Dublin, President, in the chair, Dr. George Sigerson, F.L.S., read a paper entitled "Further Researches on the Atmosphere." He stated that the results of analyses of *ordinary atmospheres*, such as those of the town, the country, and the sea-breeze, which he had communicated to the Academy on a former occasion, had been fully confirmed by later investigations. The subject of the present paper was the examination of *special atmospheres*, of which the author proceeded to speak in detail. In the air of an *iron factory* he found a dust of a black colour and friable in nature, which was composed of carbon, iron, and ash. The iron was present in small rough and jagged pieces, and also in hollow balls averaging one two-thousandth of an inch in diameter. These iron globules were translucent. In *shirt factory* air, filaments of linen and cotton were present in great numbers, and minute eggs were also seen under the microscope; but these were, perhaps, of accidental origin. *Scotch mills*, from the nature and quality of the spongy, spiky dust which abounded in them, Dr. Sigerson branded as human slaughter-houses. In the dust of printing-offices, perceptible traces of antimony were detected by chemical examination. *Stable air* was shown to contain equine hair, cuticles, epithelium, moth cells, ovules, various fungi, besides a large amount of other forms of organic matter. The air of a dissecting-room was also largely impregnated with organic particles, and a microscopical examination of the dust collected resolved it into portions of white and yellow fibrous tissue, fibrillæ of voluntary and involuntary muscle, fragments of epithelium, and *débris*. In *smoker's air*, numerous globules of hot nicotine were observed, of a preeminently hurtful character. Very similar to this was the air inhaled by *tea-tasters*, in which, besides particles of cellular tissue, a narcotic oil of very deadly properties abounded in the form of minute cells. In concluding his paper, Dr. Sigerson took occasion to remark that the carbon which existed in the atmospheres of large cities was of use in counteracting the injurious effects of the presence of albuminoid ammonia, lately described by Dr. Angus Smith of Manchester, and that consequently limits should be placed to the consumption of smoke in factories, etc. The paper was illustrated by large diagrams representing the microscopical appearances of the different forms of dust spoken of above.

UNIVERSITY INTELLIGENCE.

UNIVERSITY OF CAMBRIDGE.

DR. HOOKER and Professor Flower have been appointed Examiners for the Natural Sciences Tripos. Mr. Savory and Mr. Lestourgeon have been nominated Examiners for the degree of Master in Surgery; and Dr. Drosier and Mr. J. Wood for the degree of M.B.

ST. JOHN'S COLLEGE.—At the recent examination at St. John's College, Cambridge, a Foundation Scholarship of the value of £50 *per annum*, tenable for five years, was awarded to A. H. Garrod; an Exhibition of £20 a year to H. Blunt; and one of £10 to H. N. Read.

ASSOCIATION INTELLIGENCE.

BRITISH MEDICAL ASSOCIATION: ANNUAL MEETING.

THE Thirty-eighth Annual Meeting of the British Medical Association will be held in Newcastle-upon-Tyne, on Tuesday, Wednesday, Thursday, and Friday, the 9th, 10th, 11th, and 12th of August next.

President—CHARLES CHADWICK, M.D., F.R.C.P., Senior Physician to the Leeds Infirmary.

President-elect—EDWARD CHARLTON, M.D., Senior Physician to the Newcastle-upon-Tyne Infirmary.

An *Address in Medicine* will be delivered by FRANCIS SIBSON, M.D., F.R.S., F.R.C.P., Physician to St. Mary's Hospital.

An *Address in Surgery* will be delivered by G. Y. HEATH, M.B., M.R.C.S., Surgeon to the Newcastle-upon-Tyne Infirmary.

The business of the meeting will be conducted under *six* Sections:

Section A. *MEDICINE*.—*President*: Dr. Embleton. *Vice-Presidents*: Dr. Simpson and Dr. Lyons. *Secretaries*: Dr. H. Barnes, Carlisle, and Dr. Morell Mackenzie, 13, Weymouth Street, London.

Section B. *SURGERY*.—*President*: Professor Lister. *Vice-Presidents*: Charles Trotter, Esq., and Timothy Holmes, Esq. *Secretaries*: Dr. Arnison, Newcastle-upon-Tyne, and W. H. Favell, Esq., Sheffield.

Section C. *PHYSIOLOGY*.—*President*: Dr. A. Clark. *Vice-Presidents*: Dr. Sanderson and Dr. Hayden. *Secretaries*: T. C. Nesham, M.D., Newcastle-upon-Tyne, and J. G. McKendrick, M.D., 29, Castle Terrace, Edinburgh.

Section D. *MIDWIFERY*.—*President*: Dr. Robert Barnes. *Vice-Presidents*: Dr. Gibson and Dr. G. Hewitt. *Secretaries*: Luke Armstrong, Esq., Newcastle-upon-Tyne, and J. H. Aveling, M.D., Rochester.

Section E. *PUBLIC MEDICINE*.—*President*: Dr. Rumsey. *Vice-Presidents*: Dr. Druitt and Dr. Morgan. *Secretaries*: Anthony Bell, Esq., Newcastle-upon-Tyne, and Dr. A. Ransome, Bowden, Cheshire.

Section F. *PSYCHOLOGY*.—*President*: Professor Laycock, M.D. *Vice-Presidents*: Dr. Sankey and Dr. Maudsley. *Secretaries*: Grainger Stewart, M.D., Borough Asylum, Newcastle-upon-Tyne, and T. Harrington Tuke, M.D., 37, Albemarle Street, London.

Notices of Motion.—The following notice has been given.

The Rev. Dr. BELL: That a Committee be appointed for the purpose of inquiring into the present constitution and operation of the Committee of Council; and whether it might not be better to have only one well constituted Council, consisting of a limited number—say fifty—to be elected by the general body of members through the medium of voting-papers: and that the Committee report to an ordinary general meeting, or to a special general meeting convened according to law.

Gentlemen desirous of reading papers, cases, or any other communications, are requested to give notice of the same to the General Secretary, at their earliest convenience.

T. WATKIN WILLIAMS, F.R.C.S., *General Secretary*.

13, Newhall Street, Birmingham, June 6th, 1870.

COMMITTEE OF COUNCIL: NOTICE OF MEETING.

A MEETING of the Committee of Council will be held at the rooms of the Medical Society of London, 32A, George Street, Hanover Square, on Tuesday, the 28th day of June, 1870, at 3 P.M. *precisely*.

To consider what further steps shall be taken relative to the "Medical Act (1858) Amendment Bill" now before Parliament; and other important business.

T. WATKIN WILLIAMS, F.R.C.S., *General Secretary*.

13, Newhall Street, Birmingham, June 14th, 1870.

CAMBRIDGE AND HUNTINGDON AND EAST ANGLIAN BRANCHES.

THE annual meeting of the above Branches will be held at the Town Hall, Ipswich, on Friday, June 24th, at 3 P.M.; BARRINGTON CHEVALLIER, M.D., in the Chair.

The dinner will also take place at the Town Hall, at 6.30 P.M. Tickets, 12s. 6d. each.

P. W. LATHAM, M.D.
J. B. PITT, M.D.
W. A. ELLISTON, M.D. } *Honorary Secretaries*.

LANCASHIRE AND CHESHIRE BRANCH.

THE annual meeting of the above Branch will be held at Preston, on Wednesday, June 29th, at 12 o'clock. *President*, Dr. HALL, Lancaster; *President-elect*, Dr. SPENCER, Preston.

The dinner will take place at the Town Hall, at 5 P.M. Tickets (not including wine), 7s. 6d. each.

Gentlemen intending to read papers, are requested to communicate with the Honorary Secretary without delay.

HENRY SIMPSON, M.D., *Honorary Secretary*.
Manchester, June 13th, 1870.

CUMBERLAND AND WESTMORLAND BRANCH.

THE annual meeting of the above Branch will be held in the Board Room of the Infirmary, Whitehaven, on Wednesday, June 29th, 1870, at 1 P.M. M. W. TAYLOR, M.D., Penrith, *President*; THOMAS F. L'ANSON, M.D., Whitehaven, *President-elect*.

Dinner will be ordered at the Black Lion Hotel for 4 P.M.

HENRY BARNES, M.D., *Honorary Secretary*.
Carlisle, June 15th, 1870.

SOUTH MIDLAND BRANCH.

THE fourteenth annual meeting of the above Branch will be held at the Infirmary, Aylesbury, on Thursday, June 30th, at 1 P.M.; CHARLES HOOPER, Esq., *President*, in the Chair.

Gentlemen who purpose reading papers or cases, are requested to furnish the names or titles of same forthwith to Dr. Bryan, Northampton.

J. M. BRYAN, M.D., Northampton } *Hon. Secs.*
G. P. GOLDSMITH, Esq., Bedford }

Northampton, May 31st, 1870.

SOUTH EASTERN BRANCH.

THE twenty-sixth annual meeting of the above Branch will be held at the Rosherville Hotel, Gravesend, on Thursday, June 30th, at 1.30 P.M.; JOHN M. BURTON, Esq., F.R.C.S. Eng., *President*, in the Chair.

The dinner will be provided punctually at 5 o'clock. Tickets (not including wine), 7s. each.

G. FREDK. HODGSON, *Honorary Secretary*.
Brighton, June 1870.

NORTH WALES BRANCH.

THE annual meeting of the above Branch will be held at the Crown Hotel, Denbigh, on Tuesday, July 5th, at 12 o'clock noon, under the presidency of T. FRANCIS EDWARDS, Esq.

Dinner at 4 P.M. Tickets, including wine, etc., 12s. each. To be had at the bar of the above hotel.

Gentlemen who purpose reading or communicating papers and cases, and who intend dining, will please to give an early intimation to

Beaumaris, June 1870. D. KENT JONES, *Hon. Sec.*

BATH AND BRISTOL BRANCH.

THE annual meeting of the above Branch will be held on Thursday, July 14th, 1870, at the Mineral Water Hospital, Bath, at 4.30 P.M., when C. H. COLLINS, Esq., will resign the Chair to C. BLEECK, Esq., *President-elect*, who will deliver an address.

Members having any communications for the meeting, are requested to give notice of them to the Secretaries.

The following resolutions will be moved:

Mr. BARTRUM and Dr. SPENDER—"That it is desirable that the number of ordinary meetings be reduced to four."

Mr. TIBBITS and Dr. BRITTAN—"That any gentleman who has been black-balled by this Branch of this Association, shall not be admitted to the meetings."

The dinner will be held at the York House, Bath, at 6.30 P.M. Tickets, including ice and dessert, 7s. 6d. each. Wines at moderate charges.

The Bath Secretary particularly requests that those members who intend to be present at the dinner, will send him their names before Monday, July 11th, in order that the necessary arrangements may be completed.

R. S. FOWLER, Bath, } *Honorary Secretaries.*
CHARLES STEELE, Clifton }

EAST SUSSEX DISTRICT MEETINGS: SOUTH EASTERN BRANCH.

A MEETING of the East Sussex district was held at the Queen's Hotel, Hastings, on Wednesday, May 11th, at 2.15 P.M.; J. UNDERWOOD, M.D., in the Chair. There were present fourteen members and two visitors, Dr. Allen (Hastings) and Dr. Lloyd. The former was nominated as a member.

Next Meeting.—Mr. HODGSON proposed, and Dr. CUNNINGHAM seconded, that the next meeting in September be at Hayward's Heath, and that Dr. Byass (of Cuckfield) be requested to take the Chair.

Papers.—I. Mr. HODGSON narrated a case of Fatal Injury of the Head, occurring to a Baby. In December 1867, a fine healthy boy, aged 15 months, fell with his chair on his occiput on a carpeted floor. Happening to be close by, Mr. Hodgson saw him in a few minutes; and found him then lying in his nurse's lap, so pale and thoroughly stunned as to appear dead. The breathing was just perceptible; the pulse scarcely so. In about half an hour he revived, and looked about him; and he was quietly put to bed. The next morning he seemed as well as usual; having only a small swelling on the back of the head. He was ordered to be kept quiet in a room by himself, and free from all excitement. This regimen was maintained for several weeks, when, no untoward symptom whatever having shown itself, he was allowed gradually to resume his amusements, and to associate with the other children. He continued to all appearance quite well for nearly three months; when, after a little unusual fretfulness and slight disrelish for food for a few days, he suddenly had a convulsion. Except the fits, scarcely any other symptoms were present to point to the head. A purge was given, and saline medicine with prussic acid; also a warm bath. But the convulsions recurred more and more frequently, until in a few days they were almost constant; and he finally succumbed to them in a week, the pupils never having been insensible to light. For one twelve hours the day before death the convulsions were kept in abeyance by the frequent inhalation of chloroform; but this was discontinued on it being apparent that no ulterior good was derivable from it. On *post mortem* examination the day after death, the membranes of the brain which covered the front portion of the right hemisphere (the site of *contre-coup*) were found in a state of chronic inflammation bordering on suppuration, and the corresponding portion of the brain itself, to about the extent of the bowl of a teaspoon, and three-fourths of an inch deep, was in a state of red softening—close upon the formation of abscess. No other morbid appearance was discoverable.—Several gentlemen then narrated some interesting cases of injuries to the brain, recovering with some considerable loss of brain-substance.

2. Dr. ALLEN read the particulars of a case of Intestinal Obstruction occurring in a lady aged 65. The patient had suffered three months before from symptoms of gall-stone. After a constipation of seventeen days, a round substance, three inches in its greatest diameter, was passed, and the patient recovered perfectly. The substance seemed to consist of inspissated bile, studded with scales of cholesterine.

3. Mr. F. C. MUDD read notes of a case of Traumatic Tetanus treated with Bromide of Potassium. The patient, J. C., a carrier, crushed the tip of his little finger on April 6th, 1869. The nail and soft parts were displaced, but the wound appeared to be going on favourably. It was treated with cold water dressing for the first few days; after that, with carbolic acid and olive oil. On the evening of the 19th, he complained of stiffness about the muscles of the neck and jaw, which he attributed to a cold. He could not open his mouth more than half an inch. The finger was hot and painful. The tip was amputated at once, and bleeding encouraged for a short time. A purge was given, and a mixture with ten grains of bromide of potassium for a dose, every four hours. At 6 the next morning, there was complete trismus. Turpentine enemata were ordered, and the bromide was continued. On the 21st, he was much the same till 10 o'clock P.M., when symptoms of opisthotonos set in. Nourishment and medicine were administered through the teeth, which were defective on one side. The bromide was increased to 20 grain doses, and sinapisms were applied the whole length of the spine; the finger was poulticed. On the 22nd, the symptoms of opisthotonos were relieved. The bromide was increased by 5 grains, and turpentine enemata were administered. In the evening, he could open the mouth sufficiently to introduce the little finger between the teeth. On the 23rd, the opisthotonos had subsided, but there was great pain the whole length of the spine; this was greatly relieved by aconite liniment. The dose of bromide was increased to half a drachm. From the 24th, he could open the mouth more every day; and on the 26th, the dose of bromide was gradually diminished. On the 29th, he was sitting out in an easy chair; and on May 8th, he was walking out, quite convalescent.

servation on cancer. He was, up to the time of his illness, collecting information on this subject, and specially with reference to the important question as to the constitutional nature of the disease. He was also the principal writer of the Report on Dr. Fell's Treatment of Cancer, published by the Middlesex Hospital. His last work was *On Going to Sleep*—full of ingenious thought and valuable suggestion. None but those who had frequent conversation with him on the subject during the preparation of this little work can have an idea of the amount of labour bestowed upon it. In addition to contributing to the *Medico-Chirurgical Transactions* the numerous papers to which we have above referred, he was for some years one of the most able and zealous officers of the Royal Medical and Chirurgical Society, in which he filled at various times several offices, retiring from that of Treasurer at the last annual meeting.

CHARLES A. ROBINSON, ESQ.

WE have lately had to record several deaths from acute purulent infection amongst the younger members of our profession—Dr. Kempthorne but three weeks ago, and Mr. Stanley Peacock, of Newcastle, shortly before. We regret to add the name of Charles A. Robinson, M.R.C.S., L.M. & L.S.A., a student of University College, late House-Surgeon at the Hospital for Women in Soho Square, and at St. Peter's Hospital. He died on the 12th instant, after ten days' illness, of diffuse internal cellulitis, at the age of 25. He was a man of most amiable character: a steady and conscientious worker in all branches of the profession, not omitting those "special" departments which are utterly neglected by nine-tenths of modern students. He intended to return in a few months to Jamaica, his native place, where he would undoubtedly have well maintained the honour of his profession.

MEDICAL NEWS.

ROYAL COLLEGE OF SURGEONS OF ENGLAND.—The following members of the College, having been elected Fellows at previous meetings of the Council, were admitted as such on June 9th.

Parr, Staff-Surgeon-Major Thomas, Recruiting Office, Peterborough: diploma of membership dated July 8, 1842
Simpson, Frederick Hamilton, Fore Street, E.C.: March 18, 1842
Tilley, Samuel, L.S.A., Union Road, Rotherhithe: November 4, 1836

At the same meeting of the Council, the following members were also elected Fellows, and will be admitted at another meeting.

Gosse, William, Adelaide, South Australia: November 20, 1835
Harris, Henry, L.S.A., Redruth, Cornwall: May 13, 1833
Stacy, John Edward, Rendwick, Sydney, New South Wales: January 7, 1820
Taylor, Thomas, L.S.A., Warwick Place, Grove End Road: April 7, 1837

APOTHECARIES' HALL.—The following gentlemen passed their examination in the science and practice of medicine, and received certificates to practise, on Thursday, June 9th, 1870.

Christian, John Griffith, Rhyl, Flintshire
Evans, Samuel, Llandoverly, South Wales
Tait, George Walter, Knowle, near Birmingham

The following gentlemen also on the same day passed their first professional examination.

Burn, George Wilson, St. Bartholomew's Hospital
Sayer, Charles Wathen, St. Bartholomew's Hospital
Stamford, William, Middlesex Hospital
Tattersall, Lord, St. Bartholomew's Hospital

As an Assistant in compounding and dispensing medicines.
Read, Henry Holditch, Peterborough

MEDICAL VACANCIES.

THE following vacancies are announced:—

BATH MINERAL WATER HOSPITAL—Resident Medical Officer: applications, 30th; duties, July 13th.
BRIXTON DISPENSARY—Resident Dispenser.
EAST SUSSEX, HASTINGS, and ST. LEONARD'S INFIRMARY—Assistant-Surgeon: applications, 25th.
GENERAL LUNATIC ASYLUM, Douglas, Isle of Man—Resident Medical Superintendent.
GUYS' HOSPITAL—Lecturer on Forensic Medicine and Chemistry.
HAVERSTOCK HILL and MALDEN ROAD PROVIDENT DISPENSARY—Medical Officer: applications, June 24th.
HOSPITAL FOR WOMEN, Soho Square—Surgeon.
LEEDS GENERAL INFIRMARY—Surgeon: applications, 24th; election, 27th.
LINCOLN GENERAL DISPENSARY—House-Surgeon: applications, 22nd.
LIVERPOOL DISPENSARIES—Assistant Resident House-Surgeon: applications, 22nd; Medical Board, 23rd.
MIDDLESEX HOSPITAL—Lecturer on the Principles and Practice of Surgery; Surgeon: Assistant Surgeon.
NEWRY UNION, co. Down—Medical Officer, Public Vaccinator, and Registrar of Births, etc., for the Millvale Dispensary District: 28th.

ROYAL ORTHOPÆDIC HOSPITAL, 315, Oxford Street—Resident House-Surgeon and Apothecary: applications, 22nd.
ST. AUUSTELL UNION, Cornwall—Medical Officer for District No. 2: applications, 23rd; election, 24th.
ST. AUUSTELL—Certifying Factory Surgeon for District of.
ST. LUKE'S HOSPITAL FOR LUNATICS—Surgeon: applications, July 1st; election, 8th.
ST. MARYLEBONE PROVIDENT DISPENSARY, Duke Street, Portland Place—Medical Officer in Ordinary: applications, 28th.
SOUTH STAFFORDSHIRE GENERAL HOSPITAL—House-Surgeon: applications, July 2nd; election, 19th.
SURGEONS' HALL, Edinburgh—Lecturer on General Pathology and Pathological Anatomy.
UNIVERSITY COLLEGE, London—Professor of Practical Physiology and Histology: applications, July 6th.

MEDICAL APPOINTMENT.

Names marked with an asterisk are those of Members of the Association
BANKS, W. Mitchell, Esq., appointed Lecturer on Descriptive and Surgical Anatomy at the Liverpool Royal Infirmary School of Medicine.

BIRTH.

HARPER.—On June 14th, at Barnstaple, the wife of *Joseph Harper, L.R.C.P., of a daughter.

DEATHS.

HILTON.—On June 14th, at Croston, Lancashire, aged 49, Elizabeth, wife of *John Hilton, Esq., Surgeon.
JONES.—On June 13th, at Wrexham, aged 32, Susannah, wife of *T. Eytton Jones, Esq., Surgeon.

UNITED HOSPITALS ATHLETIC SPORTS.

ON Thursday, June 9th, the United Hospital Athletic Club held its fourth annual meeting at the Athletic Club Grounds, Lillie Bridge. A very large number of spectators entered the grounds from the time when the sports began until late in the afternoon; the greater proportion being of the fair sex. The day was fine, and the scene was enlivened by the Band of the Grenadier Guards. The sports began at 12 noon, with the heats for the 100 yards, for a challenge cup, presented by Mr. N. Montefiore, of Guy's Hospital, which were won by F. R. Cross (King's College), R. Haig (St. Bartholomew's), W. E. Koch (University College), and A. P. Sherwood (St. George's). In the final heat, C. E. Watson (King's College), the holder, won by 6 in. from F. R. Cross, in 10 3-5ths seconds. *Throwing the Hammer*.—H. Payne (St. Bartholomew's), won with a throw of 69 feet. *The Cricket Ball* throw was won by the same hospital, through the medium of E. Tootell, with a throw of 101 yds. 1 ft. 5 in.; F. B. Bayen (Guy's) being a good second, throwing 101 yds. *Quarter Mile Hurdle Race*.—1. W. E. Koch (University); 2. H. O. R. Cross (King's); 3. C. Hartley (Charing Cross). Won, somewhat easily, by six yards, in 76½ seconds. *One Mile Race* for challenge cup, presented by Guy's Hospital, A. B. Kelly (University) led from start to finish, and won easily from C. W. Owen (St. Thomas's), in 4 min. 53 sec. *High Jump*.—A. Brickwall (Guy's) cleared 5 ft. 2 in.; G. Stevens (King's College) clearing 5 ft. *Long Jump*.—Ivor Lewis (Guy's) jumped 18 ft. 9½ in.; G. Stevens again being second, 2½ in. behind. *120 Yards Hurdle Race*.—This was run in heats, the winners being W. E. Koch (University College), G. Stevens (King's College), and P. Haig (St. Bartholomew's). In the final heat, Koch won easily in 18½ seconds, Haig falling at the eighth hurdle, Stevens being second. *Half Mile*.—W. C. Head (St. Bartholomew's) won, after a good finish with A. Harding (University College), by 3 yards, in 2 min. 9 sec. *Putting the Stone*.—G. Power (Guy's) 34 ft. 7 in.; R. C. Coombe (Guy's) 32 ft. 8½ in. *Quarter of Mile Flat Race*.—This resulted in a rattling good finish between the two Cross's of King's College; the Treasurer (F. R. Cross) staying the best and winning by 2½ yards. *Two Miles*.—The pace for this was very slow for the first mile. On going round the last time, L. W. Hicks (Guy's) led; he was joined in the straight run in for home by B. Conway (St. Thomas's) who forged ahead by degrees, and won by two yards: time 11 min. 22 sec. *Two Hundred and Fifty Yards, Flat*.—This was run in one heat, owing to a number of men "scratching." It was won by F. R. Cross (King's College), again beating H. R. O. Cross, who finished a good second; time, 28½ sec. *Stranger's Race. One Mile*.—Out of the forty-three enteries, twenty-three came to the post. C. L. Williams, with 95 yards start, won somewhat easily. The Consolation was won by J. Kemp (St. George's). Mrs. Sydney Ringer, at the conclusion, kindly distributed the prizes to the successful competitors, who were heartily cheered by their friendly rivals.

A COTTAGE INFIRMARY is proposed to be established in connection with the Penzance Dispensary.

OPERATION DAYS AT THE HOSPITALS.

MONDAY.....Metropolitan Free, 2 P.M.—St. Mark's, 9 A.M. and 1.30 P.M.—Royal London Ophthalmic, 11 A.M.
 TUESDAY.....Guy's, 1.30 P.M.—Westminster, 2 P.M.—National Orthopaedic, 2 P.M.—Royal London Ophthalmic, 11 A.M.—Royal Free, 2 P.M.
 WEDNESDAY...St. Bartholomew's, 1.30 P.M.—St. Mary's, 1.15 P.M.—Middlesex, 1 P.M.—University College, 2 P.M.—St. Thomas's, 1.30 P.M.—London, 2 P.M.—Royal London Ophthalmic, 11 A.M.—Great Northern, 2 P.M.—Samaritan Free Hospital for Women and Children, 2.30 P.M.—Cancer Hospital, Brompton, 3 P.M.—King's College, 2 P.M.
 THURSDAY....St. George's, 1 P.M.—Central London Ophthalmic, 1 P.M.—Royal Orthopaedic, 2 P.M.—Royal London Ophthalmic, 11 A.M.—Hospital for Diseases of the Throat, 2 P.M.
 FRIDAY.....Westminster Ophthalmic, 1.30 P.M.—Royal London Ophthalmic, 11 A.M.—Central London Ophthalmic, 2 P.M.
 SATURDAY....St. Thomas's, 9.30 A.M.—St. Bartholomew's, 1.30 P.M.—King's College, 1.30 P.M.—Charing Cross, 2 P.M.—Lock (Clinical Demonstrations and Operations), 1 P.M.—Royal London Ophthalmic, 11 A.M.—Royal Free, 2 P.M.—East London Hospital for Children, 2 P.M.—Hospital for Women, 9.30 A.M.

NOTICES TO CORRESPONDENTS.

All Letters and Communications for the JOURNAL, to be addressed to the EDITOR, 37, Great Queen Street, Lincoln's Inn Fields, W.C.

CORRESPONDENTS not answered, are requested to look to the Notices to Correspondents of the following week.

TO PURCHASERS.—To insure attention, it is requested that all orders sent to the Office for extra copies of the JOURNAL, be accompanied with stamps for the amount.

WE CANNOT UNDERTAKE TO RETURN MANUSCRIPTS NOT USED.

CORRESPONDENTS, who wish notice to be taken of their communications, should authenticate them with their names—of course, not necessarily for publication.

DR. HEATON'S case shall appear.

MR. HORTON (Dudley).—We quite agree in your view of the case.

IRIDESCENT FILM ON URINE.

SIR,—Enquirer will, I think, find the film to consist of crystals of ammoniacomagnesian phosphate. Provided the urinary organs are healthy, its persistent appearance in comparatively fresh urine probably indicates dyspepsia of an *atonic* character. I am unable to say if claret would cause it; but scarcely think so, if used moderately. I would suggest pepsine, with muriatic acid and nux vomica, or bitter infusion. I believe this pellicle may be observed after eating asparagus freely. In the urine of patients taking turpentine and copaiba, the triple phosphate often occurs. This may be produced by the alkalinity of urine, caused by alkalis prescribed with these medicines, or by the evolution of ammonia from the decomposition of urea, hastened by the presence of pus or mucus in the urine.

I would refer Enquirer to Dr. Beale's last edition of his work on Urine, Urinary Deposits, and Renal Diseases. Dr. Prout's and Bence Jones's and Dr. Aitken's works are worth consulting on the subject.

Cambridge, June 4th, 1870.

J. T. BECK.

SIR,—Perhaps the following description of the two commonest forms of films on the urine, which I have observed, may assist "Enquirer" of Saturday's JOURNAL.

I am, etc.,

F. B. NUNNELEY, M.D. (Lond.)

28, Harley Street, W., June 4th, 1870.

Films occur most frequently in neutral or alkaline urine, which is also sometimes more or less cloudy, and deposits a white sediment of earthy and triple phosphates. Such urine often only imperfectly clears with nitric acid. When the film is examined microscopically, it is seen to consist of numerous minute molecules, many spores of a fungus, crystals of the triple phosphate, and sometimes a few crystals of oxalate of lime. Whatever renders the urine alkaline is apt to produce this film, as the ingestion of the alkaline salts of tartaric and citric acid, or decomposition of the urea into carbonate of ammonia, as happen in urine which has been voided for some time, especially if it contains mucus, pus, albumen, or casts, in notable quantity.

Films are also met with on acid urine, which at the same time frequently deposits a reddish or yellowish sediment of the urates of soda and ammonia. They are composed almost entirely of clusters of minute granules of these substances, and are occasioned by whatever diminishes the water of the urine relatively to the other constituents, as sweating and the febrile state. A heavy meal will also give rise to them from increasing the uric acid.

Regarded alone, neither of these kinds of films is of particular significance; but the general condition of the perfectly fresh urine should be examined. The film observed by "Enquirer" would probably belong to the latter class; and a film of a similar kind is also common in acute rheumatism.

SIR,—In common with "Enquirer," I may say that occasionally my urine is covered (after standing a few hours) with a greasy rainbow-coloured surface, and now and then the odour thereof smells disgustingly sweet. I have a strong tendency to rheumatism, having had many an abortive attempt at rheumatic fever, and often feel rheumatic pains if I take cold, or commit an error in diet, particularly if I take even half a pint of fermented liquor, especially in cold weather, or if my skin is not at the time acting freely; or, even if a part of my body remains for an hour in contact with cold substances, if a part of my dress intervenes. I occasionally drink claret, but I find that dry sherry suits me better than anything else, and that one or two glasses of sherry or spirits, as gin, whisky, brandy, or rum, with cold water, are better for me than a greater amount, especially if taken with sugar. Dr. Watson, I think, alludes to iridescent urine in his lectures on dyspepsia. I think that over-exertion, mental or bodily, will produce the film, especially if the subject of this morbid state of urine "keeps himself up" with alcoholic stimuli. I am not sufficiently experienced in medical chemistry to enter scientifically into the matter, but shall be very happy to hear from "an authority" on these cases.

I am, etc.,

ENQUIRER No. 2.

NOTICE TO ADVERTISERS.—Advertisements should be forwarded direct to the Printing-Office, 37, Great Queen Street, W.C., addressed to Mr. RICHARDS, not later than *Thursday*, twelve o'clock.

HYDRATE OF CHLORAL.

SIR,—Perhaps you may consider the accompanying case of recovery, after a nearly fatal dose of hydrate of chloral, sufficiently interesting for the BRITISH MEDICAL JOURNAL.

I am, etc., HERBERT M. MORGAN.

I was lately called, in great haste, to visit a child about eight years of age, who had taken the wrong medicine by mistake. I found the child with a deadly white face, and scarcely any colour on the lips, breathing slowly and quietly, almost pulseless, the pupils natural, and the hands and feet rather cold; he was very drowsy, and it was with difficulty that he could be made to understand or speak. I found that another child had given him a dose intended for an adult, and containing twenty-five grains of hydrate of chloral (the child was taking medicine for a simple sore throat, and was not much amiss). I caused him to inhale freely the vapour of ammonia, and made him swallow some whisky and water, which he soon vomited; and, as soon as it was ready, he had some strong coffee. All the time he begged to be let alone, and to be allowed to sleep, and said he was sure it was bed-time. The account which his sister gave was, that a few minutes after she had given him the dose, he went pale, and fell off his chair, and rolled about on the floor; she thought, at first, he was acting for her amusement. In about an hour after taking the dose, he was much better, and continued to take some coffee, and was quite well again next day, after a night's sleep.

TRIPLTS.

SIR,—The average of triplets is about one in 4,500 births; therefore I think the following case may be interesting. On May 30th, I delivered Mrs. M. of three living children, of average size, and all likely to survive. The first was a boy, foot presentation; the second a boy, head presentation; and the third a girl, foot presentation. The placenta soon followed. One large one (with two cords, about two inches apart, attached battledore fashion) for the boys, and a small separate one for the girl. The mother and three children are all doing well.

I am, etc., PERCY BOULTON, M.D., etc.

23, Harewood Square, N.W., June 1870.

ARTS EXAMINATIONS.—At the preliminary examinations in Arts, etc., for the diplomas of Fellowship and Membership of the Royal College of Surgeons, which will take place at the Whittington Club on the 21st, 22nd, and 23rd instant, it is stated that 333 candidates will offer themselves; viz., 82 for the Fellowship, and 251 for the Membership.

BRITISH ASSOCIATION COMMITTEE ON SEWAGE.

We have received from Dr. Paul and Professor Wanklyn a letter in reference to the questions that have arisen in this Committee; but since the merits of the case, as represented by us last week, appear so obvious as to need no further discussion, we think it superfluous to insert these letters, or to do more than express our hope that the members of the Committee will not be any longer hindered from carrying out their intention of dealing with their subject in such a way as to justify the support as well as the expectations of towns; and that all who can do so will zealously co-operate together with that object.

THE COLLEGE LECTURES.—Mr. J. W. Hulke, F.R.S., will bring his course of Lectures on the Minute Anatomy of the Eye to a close this day (Friday).

A FELLOW.—Not having signed the bye-laws of the College, you cannot be allowed to record your votes at the ensuing election for the gentlemen named.

WE are indebted to correspondents for the following periodicals, containing news reports and other matters of medical interest:—The Indian Medical Gazette, May 16th; The New York Medical Gazette, May 28th; The Parochial Critic, June 15th; The New York Medical Record, June 2nd; The Boston Medical and Surgical Journal, June 2nd; The Madras Mail, April 4th; The Gardener's Chronicle, June 11th; The Medical Mirror, June 8th; The Academy, June 11th; The Shield, June 6th; etc.

COMMUNICATIONS, LETTERS, ETC., have been received from:—

Mr. Campbell de Morgan, London; Dr. T. Hayden, Dublin; M.B., C.M.; Dr. C. H. Leet, Dublin; Mr. S. W. North, York; Dr. G. F. Bodington, Birmingham; Mr. F. R. Cross, London; Mr. J. W. Hulke, London; Mr. J. Haughton, Dublin; Mr. S. M. Bradley, Manchester; Dr. E. Goodeve, Clifton; Mr. R. Murphy, Navan; etc.

LETTERS, ETC. (with enclosures) from:—

Mr. Startin, London; Dr. C. Handfield Jones, London; Dr. J. D. Heaton, Leeds; Dr. Joseph Bell, Edinburgh; Dr. J. F. Goodhart, Aberdeen; Dr. H. Simpson, Manchester; Dr. Corfield, London; Dr. Wilks, London; Mr. Nayler, London; The Registrar-General of England; The Secretary of Apothecaries' Hall; The Registrar-General of Ireland; Mr. T. M. Stone, London; The Registrar of the Medical Society of London; Mr. D. Kent Jones, Beaumaris; Mr. N. M'Greevy, Drogheda; Mr. T. Watkin Williams, Birmingham; Dr. E. D. Mapother, Dublin; Dr. J. W. Moore, Dublin; Messrs. J. and W. Wood, Manchester; Mr. J. Harper, Barnstable; Dr. Playfair, London; Dr. A. Marshall, Preston; Mr. J. W. Langmore, London; Dr. A. P. Stewart, London; Dr. H. Barnes, Carlisle; Dr. Paul, London; Messrs. E. Marlborough and Co., London; Mr. R. S. Fowler, Bath; Dr. R. Dacre Fox, Crumpsall; Dr. J. Rogers, London; Dr. Broadbent, London; Dr. Bence, Dingwall; etc.

BOOKS, ETC., RECEIVED.

The Principal Baths of Rhenish Germany: being a portion of the Baths of Germany. By E. Lee, M.D. Fifth Edition. London: 1870.

Annual Report of the County and City of Cork Medical Protective Association for the year ending March 1870.

The Fourteenth Annual Report of the State of the United Lunatic Asylum for the County and Borough of Nottingham. Southwell: 1870.

Remarks on an Address delivered by the President of the Royal College of Physicians on the 11th of April 1870. By E. Bradford, Esq. 1870.