

## ASSOCIATION INTELLIGENCE.

## 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 by any recognised Branch Council.

Candidates seeking election by a Branch Council should apply to the Secretary of the Branch. No member can be elected by a Branch Council unless his name has been inserted in the circular summoning the meeting at which he seeks election.

FRANCIS FOWKE, General Secretary.

## BRANCH MEETINGS TO BE HELD.

**METROPOLITAN COUNTIES BRANCH: NORTH LONDON DISTRICT.**—The next meeting of this District will be held at the Deaconesses' Institution and Training Hospital at Tottenham, N., on the evening of Thursday, February 2nd, at 8 p.m. (Dr. Bridgwater, J.P., Vice-President of the District), when Dr. Dowse will read a paper on Massage, and demonstrate its practice. Several interesting cases will also be exhibited in the hospital.—GEORGE HENTY, M.D., Honorary Secretary.

**METROPOLITAN COUNTIES BRANCH: EAST LONDON AND SOUTH ESSEX DISTRICT.**—The next meeting will be held at the Town Hall, Walthamstow, on Thursday, February 16th, at 8.45 p.m. (sharp). The chair will be taken by A. Durham, Esq., President of the Branch. A paper on Pernicious Anæmia, and the Diseases Liable to be Confounded with It, will be read by Dr. Bristowe, F.R.S. Visitors will be welcomed.—J. W. HUNT, 101 Queen's Road, Dalston, Honorary Secretary.

## METROPOLITAN COUNTIES BRANCH: EAST LONDON AND SOUTH ESSEX DISTRICT.

THE third meeting of the session was held, by the kind invitation of Dr. Adams, at Brooke House, Upper Clapton, on Thursday, January 19th. Present, Mr. G. WELLER in the chair, and between twenty and thirty members and visitors.

**Demonstrations.**—After the usual formal business, the SECRETARY showed, for Dr. STEPHEN MACKENZIE, some of Dr. Unna's Preparations for local application in certain Skin Diseases.—Mr. SILCOCK showed a series of patients suffering from Diseases of the Eye, including cases of interstitial keratitis, sclero-keratitis, chronic glaucoma, albuminuric retinitis, exostosis of orbit, pulsating tumour of the orbit, pigmentary retinitis, optic neuritis, and others.—Dr. MAJOR GREENWOOD, jun., showed two cases of Optic Atrophy.—Messrs. PICKARD and CURRY exhibited the Electric Ophthalmoscope.

The room was most efficiently fitted up by Dr. Adams with the electric light and other apparatus for the satisfactory examination of the patients.

**Votes of Thanks.**—Cordial votes of thanks were passed to Mr. Silcock, Dr. Adams, and to the Chairman.

## BATH AND BRISTOL BRANCH.

THE third ordinary meeting of the Branch was held at the Grand Pump Room Hotel, Bath, on Thursday evening, January 19th; Dr. G. F. BURDER, President, in the chair. There were also present twenty members and one visitor.

**New Member.**—W. Cotton, M.B., C.M. Edin., of Clifton, was elected a member of the Association and Branch.

**Communications.**—1. Mr. ALEXANDER WAUGH read a paper on a case of Puerperal Septicæmia, in which he drew attention to the analogy between erysipelas and puerperal septicæmia; he also laid especial stress on the frequency of *post-partum* hemorrhage after the administration of chloroform for instrumental cases, and asked whether any other anæsthetic, such as the A.C.E. mixture, would be likely to produce the same effect.—Dr. GOODRIDGE, Dr. J. K. SPENDER, Mr. J. H. H. LAWRENCE, Mr. R. J. H. SCOTT, Mr. C. H. COLLINS, Dr. BURDER, and Messrs. CARR, MASON, and BARTRUM joined in the discussion.—2. Mr. C. FLEMING read a paper on the Use of the Glycerinum Amyli of the *Pharmacopœia* either by itself or combined with Bichloride of Mercury as a New Surgical Dressing.—3. Mr. J. H. H. LAWRENCE read short notes of two cases: a Burn of the Head, Face, and Hands in a Woman 75 years of age, and an obscure case of Typhoid Fever.—4. Mr. J. HINTON exhibited a case of Feebly United Fracture of the Olecranon treated by Wire Suture. In the unavoidable absence of Mr. Hinton the HONORARY SECRETARY read the notes of the case.

## SPECIAL CORRESPONDENCE.

## PARIS.

[FROM OUR OWN CORRESPONDENT.]

*Etiology of Contagious Pneumonia of Pigs.—Action of Antipyrin.—Antipyrin in Labour.—Toxicity of Exhaled Air.—Analysis of St. Lucie Rum.—Changes in Paris Hospitals.*

MM. CORNIL AND CHANTEMESSE have made a series of researches on the etiology of contagious pneumonia in pigs, which have led them to the following conclusions. Contagious pneumonia in pigs is an affection which has been mistaken for measles. It has appeared in France within the last few years. It is contagious, it terminates in fibrinous peripneumonia, and almost invariably proves fatal. At the outset the animals are languid, and remain lying down; there is fever, cough, and loss of appetite. The skin on the side and stomach presents a reddish hue; blackish patches, from which the hair is easily detached, appear on the neck. There is whitish, mucous, horribly offensive diarrhoea, which sometimes continues throughout the illness, and at other times is replaced by constipation. The affection lasts from twenty to thirty days. It is distinguished from measles by its duration, by marked pulmonary symptoms, and by the peculiar nature of the micro-organisms which produce it. This affection destroyed a great number of pigs at the pig-rearing establishment at Gentilly during more than a year. The animals were supposed to have contracted the infection at the market of La Villette, to which animals are sent from all parts of France. MM. Cornil and Chantemesse, made the following experiments with fluid taken from the lungs, liver, spleen and blood of a pig which was killed while suffering from the affection. Cultivations with the blood and spleen remained sterile. The lung and the liver gave pure cultivations, which presented the following characteristics. The cultivation did not liquefy gelatine; a transparent patch, clotted in parts and thin in others, appeared on the surface. When the colonies were equally distributed, they presented the appearance of delicate tracery. On gelose, a milky patch with a lace border was observed; with potato, an abundant grey cultivation was obtained. These cultivations contained the same microbe in a pure state, namely, a small oval bacterium measuring  $1\mu$  to  $2\mu$  long by  $0.3\mu$  wide. It is motionless, aerobic and anaerobic, according to different conditions. A young pig was inoculated with portions of a pure cultivation in some broth, with a Pravaz's syringe. The next day the animal was very ill; the temperature was  $40^{\circ}\text{C}$ . ( $104^{\circ}\text{F}$ ). Diarrhoea subsequently appeared; the animal grew thin, its breathing was accelerated. There were crepitant and sub-crepitant *râles* in the lungs, at the spot where the injections were made. The skin was covered with black patches. The animal died four weeks after the inoculation was made. At the necropsy the right lung was found to be attacked with generalised broncho-pneumonia. There were hepatised lobules in the left lung; the kidneys were affected with nephritis, the urine was albuminous. The large intestine was covered with solid tumours, from the size of a lentil to that of a small walnut. Most of the lymphatic glands were swollen. The pathogenic microbe was found in the fluid taken from the lungs, glands, intestinal tumours, liver, spleen, kidneys, and in the urine, bile, and blood. It was also found in large quantities in the feces. Similar inoculations were made in rabbits, guinea-pigs, mice, and pigeons. All these animals, with the exception of the pigeons, died within a few days. The microbe was most abundant in the blood of the mice, in which case it was larger, and when coloured with methylene blue, presented a clear space in its centre. It was found in the plasma of the blood, and in the white corpuscles. The lesions described show that infectious pneumonia in pigs is rather a general infection than a pulmonary disease. The virus usually gains access by the air-passages; this explains the pulmonary symptoms; but the disease may also be contracted through the alimentary canal or through a wound of the skin. MM. Cornil and Chantemesse believe that this affection is analogous to that which has been described in Germany by Loeffler and Schutz as the "Schweine-seuche," and in America by Salmon and Smith, as the "swine-plague."

Dr. Lucien Denian says that the action of antipyrin on the organism is as complicated as the organism itself. In large doses it may produce constipation, and it is supposed to cure diarrhoea and arrest intestinal hemorrhage. It is rapidly absorbed by the mucous membrane of the intestines, and is eliminated by the kidneys, skin, and intestinal glands. Cutaneous elimination is accompanied by profuse perspiration in most cases, and in a few cases (one out of ten) by a special kind of eruption. In large doses antipyrin dilates the veins

province of the master to give or withhold his assent where a pauper dies without friends, but the board's only, and that it is customary for a board to permit a medical officer to do so.

Secondly. It is customary in almost every union that the medical officer be allowed to take his pupils with him when going round the infirmary.

Thirdly. It would be advisable to write to the board for the necessary permission, again stating what is the custom. Before writing to the board it would be well to see the chairman or some influential member of the board, and ask him to support the application.

## OBITUARY.

SAMUEL HEY, F.R.C.S. ENG.

In the death of this, one of the best known of her professional men, whether as a surgeon or a citizen, Leeds has sustained a heavy and enduring loss. Samuel Hey was the fourth link in a chain which has stretched in unbroken strength from 1759 till now, and which has bound together the name of Leeds and the practice of surgery in inseparable communion. To his predecessors in the surgical world Leeds owes much of the great surgical reputation which she enjoys all the world over, and in Mr. Samuel Hey they were followed by a not unworthy successor.

He was the son of the Rev. Samuel Hey, Vicar of Ockbrook, in Derbyshire, and grandson of "William Hey (Primus)," of Leeds, and was born on August 22nd, 1815. His mother was Margaret, daughter of Mr. William Gray, of York. His early education was of the ordinary character of the day, and from his twelfth to his sixteenth year was conducted by the Rev. Joseph Cox at Gainsborough. At the age of 16 he went to Leeds, and entered upon his professional career by pupillage under his uncle, William Hey (the second), and throughout his whole life he maintained that this was the most useful part of his professional education. His later training was conducted in London, and at University College and at St. George's Hospital he had the advantage of studying under Sir Benjamin Brodie, Sharpey, Cooper, and other of the men most distinguished in their day as physicians, and surgeons, and teachers. His London life over, he spent three further years in perfecting his education by attendance at the various schools and clinics of the highest reputation on the Continent, in Paris and in Germany; and he thereby acquired a knowledge of the French and German languages, both of which he spoke fairly well, and which proved of great value to him in after-life.

In or about 1840, he joined his cousin, William Hey (the third), in his practice, and therein became one of the best known men in the profession, in the town and country. At about the time at which Mr. Samuel Hey settled in Leeds, the subject of the institution of a medical school was taking form in the minds of his cousin and other leading men in the profession, such as Thackeray, Teale, Williamson, Price, and others, and into this project Mr. Samuel Hey entered with most lively satisfaction. He used to boast that he attended the first lecture formally delivered in the "Leeds School of Medicine," and, in later life, as a lecturer on physiology—as one of the surgical staff of the infirmary, and as, in consequence, the teacher of surgery in the school—his interest in it as a Leeds institution never flagged; his best services were ever at its disposal, and for many years he acted as its treasurer.

In 1851 he was appointed surgeon to the infirmary, and in this capacity he will probably be best remembered by the many pupils to whom he endeared himself by the kindness and gentleness with which he fulfilled his duties—virtues which he also sought to impart to them and which he never failed to inculcate as among the highest attributes of a surgeon and a gentleman.

Those who knew him best, say a warm personal friend of the deceased, will remember how carefully and with how great a sense of responsibility he was wont to ponder over all his cases, whether in hospital or in private, and how earnestly he sought at all times to master them in their minutest details. Socially, Mr. Hey, in the days of his activity, loved nothing so much as entertaining his friends. To see his table well spread and surrounded by guests whom he delighted to honour was supreme happiness to him, and as a guest himself, on public occasions, the making of an after-dinner speech was unalloyed pleasure. In all the relations of life he was the soul of honour, and nothing caused him greater grief than the story of unworthy conduct or behaviour on the part of anyone with whom he had been connected. He was a sincerely religious man, and his religion was of a strictly practical and fruitful character.

Mr. Hey, who was 73 years of age, was twice married, and leaves four children—one son and three daughters.

WESLEY M. CARPENTER, M.D., NEW YORK.

We regret to notice the death of Dr. Wesley M. Carpenter, Professor of Clinical Medicine in the Medical Department of the University of New York. Dr. Carpenter was largely occupied in journalistic pursuits. The full report of the meeting of the International Medical Congress at Washington, published by the *New York Medical Record*, was prepared under his supervision. Dr. Carpenter was born at Erieville, New York, in 1839, and received his medical education at Ann Arbor University, Michigan, and at the College of Physicians and Surgeons, where he graduated in 1863. He established himself in New York in 1872, and soon after became connected with the Bellevue Hospital. He served the Pathological Society, the Academy of Medicine, the Practitioners Society of New York, and the Medical Society of the County of New York, in a secretarial capacity. He was the author of an *Index Medicus*, contributed to the *International Cyclopaedia*, and was the editor of the *Epitome of American Medicine and Surgery*.

Dr. Carpenter died very suddenly, of kidney disease. He went to bed, apparently in his usual health, on January 6th, and was found to be dead the following morning.

Dr. Carpenter had more than once visited Europe, and was well known in medical circles in London, where his intelligence, tact, and kindness were much appreciated. He was one of the ablest of the medical journalists of America, and dealt with difficult questions in a spirit which aimed at the best interests of medicine.

THOMAS GODART.

We regret to announce the death of Mr. Thomas Godart, late Librarian to St. Bartholomew's Hospital. Mr. Godart was known not only as an excellent performer of his official duties but also as a skilful artist. He assisted Mr. Luther Holden by engraving the lithographs for that surgeon's *Osteology*. The best samples of Mr. Godart's skill, however, were his coloured pathological drawings. We all know how unsatisfactory are the majority of productions of this kind, repulsive and un instructive even, if not displaying a sensational appearance savouring of quackery. Mr. Godart possessed the art of imitating the delicate though unpleasing shades of colour which are seen in diseased structures, with great faithfulness, therefore his drawings are of real service for purposes of instruction. Mr. Godart died on November 5th at Sydney, New South Wales, having left England on account of ill-health. Before leaving this country he received a testimonial, towards which a large number of past and present students of St. Bartholomew's Hospital contributed.

ROBERT RATHERAM STILWELL, M.D.

DR. STILWELL, of Beckenham, whose death it becomes our duty to announce, was the second son of the late Mr. George Stilwell, a general medical practitioner of Epsom. He was educated at the Tonbridge Grammar School, and subsequently entered Guy's Hospital, where he pursued his medical studies. He took his M.R.C.S. degree in 1856, and two years later passed the examination for M.D. at St. Andrews. In 1857 he commenced practice at Beckenham, where he resided up till his death. He was consulting medical officer of the Beckenham Cottage Hospital (which was founded at his suggestion), and divisional surgeon to the local police. Dr. Stilwell had a wide circle of attached friends, by whom his loss will be much felt.

## INDIA AND THE COLONIES.

### INDIA.

DR. CHARLOTTE ELLABY, who, in conjunction with Dr. Edith Pechey has been doing such excellent work at the Cama Hospital, has left for Hyderabad, Sind, where the municipality is about to open a women's dispensary.

FEMALE MEDICAL AID TO THE WOMEN OF INDIA.—The first of the silver medals presented by His Excellency the Viceroy to the Countess of Dufferin's Fund for supplying female medical aid to the women of India, has been claimed by the authorities of the Grant Medical College, Bombay, for presentation to Miss B. Bradley, the most successful student during the past year at the first examination in the certificated practitioners class. Sir Walter de Souza, whose liberality has enabled many female students to study at the Calcutta Medical College, has placed a cheque for 2,400 rupees in the hands of the Central Committee, being his final donation to the De Souza Trust Fund, which has conferred so much good on scholars and sick in the Indian metropolis. A list of contributors to the Jubilee collection is being prepared for presentation to Her Majesty.

# MEDICAL NEWS.

## MEDICAL VACANCIES.

The following vacancies are announced :

- BELGRAVE HOSPITAL FOR CHILDREN**, 79, Gloucester Street, S.W.—House Surgeon. Applications by January 31st, to the Honorary Secretary.
- BIRKENHEAD BOROUGH HOSPITAL**.—Senior House-Surgeon. Salary, £90 per annum. Applications by January 30th, to the Chairman of the Weekly Board.
- BIRMINGHAM GENERAL HOSPITAL**.—Two Assistant House-Surgeons. Applications by January 28th, to the House Governor.
- BOURNEMOUTH FRIENDLY SOCIETIES MEDICAL ASSOCIATION**.—Resident Medical Officer. Salary, £200 per annum, with residence and fees. Applications to Mr. F. A. K. Hounseth, Trinity Chambers, Bournemouth.
- BRIGHTON, HOVE, AND PRESTON DISPENSARY**.—Two House-Surgeons. Salary, £140 per annum, with apartments, etc. Applications by January 31st to the Assistant Secretary.
- BRISTOL ROYAL INFIRMARY**.—Dental Surgeon. Applications by February 18th, to the Secretary.
- CLAPHAM GENERAL DISPENSARY**.—Medical Officer. Application by February 3rd, to the Honorary Secretary, 42, Manor Street, Clapham.
- DOWNPATRICK UNION**.—Medical Officer, Killyleagh Dispensary. Salary, £105 per annum and fees. Applications to Mr. James Heron, Tullyvery House, Honorary Secretary. Election on January 30th.
- DURHAM UNION**.—Medical Officer of Health. Salary, £100 per annum. Applications by February 3rd to the Clerk.
- FOREST HILL PROVIDENT DISPENSARY**.—Medical Officer. Applications by February 15th to F. J. Marriott, Esq., 2, Ferry Villas, Ferry Vale, Forest Hill, S.E.
- MENSTON ASYLUM**, near Leeds.—Medical Superintendent. Salary, £400 per annum, with board and residence. Applications by February 15th, to W. L. Williams, Esq., West Riding solicitor, Wakefield.
- NATIONAL DENTAL HOSPITAL**, Great Portland Street, W.—Anaesthetist. Applications by January 27th to the Secretary.
- NATIONAL DENTAL HOSPITAL**, Great Portland Street, W.—House-Surgeon. Applications by January 27th, to the Secretary.
- NORTH-WEST LONDON HOSPITAL**, Kentish Town Road.—Assistant-Physician. Applications by February 10th to the Secretary.
- ROYAL NATIONAL HOSPITAL FOR CONSUMPTION**, Ventnor.—Assistant Resident Medical Officer. Applications to the Secretary, 34, Craven Street, W.C.
- ROYAL SURREY COUNTY HOSPITAL**, Guildford.—House-Surgeon. Salary, £80 per annum, with board, etc. Applications by February 15th, to the Assistant Secretary.
- RUBERY HILL ASYLUM**, Bromsgrove, Worcester.—Clinical Assistant. Board and residence. Applications to Dr. Lyle.
- ST. JOHN'S HOSPITAL FOR DISEASES OF THE SKIN**, Leicester Square.—Two Assistant Medical Officers. Applications by February 8th, to the Secretary.
- ST. MARY'S HOSPITAL FOR WOMEN AND CHILDREN**, Quay Street, Manchester.—Honorary Surgeon. Applications by February 10th, to the Chairman of the Board.
- WESTERN GENERAL DISPENSARY**, Marylebone Road, N.W.—Junior House-Surgeon. Salary, 60 guineas per annum, with residence. Applications by February 1st to the Secretary.
- YORK DISPENSARY**.—Three Resident Medical Officers. Salary, £130 per annum, with furnished apartments, etc. Application to T. W. North, Esq., Micklegate, York.

## MEDICAL APPOINTMENTS.

- ARNOLD**, F. S., M.B., M.R.C.S., appointed House-Surgeon to the Radcliffe Infirmary, Oxford, *vice* G. H. Rodman, M.D., M.R.C.S., resigned.
- AVERILL**, C., M.R.C.S., L.S.A., appointed Senior House-Surgeon to the Macclesfield Infirmary.
- BARTON**, G. P., appointed Senior House-Surgeon to the Charing Cross Hospital.
- BEDFORD**, C. H., M.B., C.M., appointed Resident Medical Officer to Gesto Hospital, Isle of Skye, for five months, *vice* Dr. McNeill, granted leave of absence.
- BENNETT**, A. H., M.D. Edin., F.R.C.P. Lond., appointed Examiner in Practice of Physic to the University of Edinburgh, *vice* T. Barlow, M.D., F.R.C.P. Lond., whose term of office has expired.
- BURTON**, Fred. W., M.R.C.S., L.R.C.P., appointed House-Physician to Addenbrooke's Hospital, Cambridge.
- CORDER**, E. H., L.R.C.P., L.R.C.S. Edin., appointed Assistant Medical Officer to the Worcester Amalgamated Friendly Societies Medical Association.
- COURTNEY**, R., M.B., M.R.C.S. Eng., appointed Resident Medical Officer to the City of London Hospital for Diseases of the Chest, *vice* J. G. Harsant, M.B., B.S., resigned.
- CULLINGWORTH**, C. J., M.D., M.R.C.P., appointed Obstetric Physician to St. Thomas's Hospital, *vice* H. Gervis, M.D., F.R.C.P., resigned.
- GOSSE**, W., appointed Junior House-Surgeon to the Charing Cross Hospital.
- HART**, D. B., M.D., F.R.C.P. Edin., appointed Examiner in Midwifery to the University of Edinburgh, *vice* J. H. Croom, M.D., F.R.C.P. Edin., whose term of office has expired.
- LARCOMBE**, S. S., appointed Senior House-Physician to the Charing Cross Hospital.
- LINGWOOD**, E. H., appointed Resident Obstetrical Officer to the Charing Cross Hospital.

- PENROSE**, F. G., M.D., M.R.C.S., appointed Curator of the Pathological Museum to St. George's Hospital, *vice* R. Sisley, M.B., M.R.C.S., resigned.
- PERKIN**, W. H., jun., Ph.D., appointed Examiner in Chemistry to the University of Edinburgh, *vice* Dr. A. P. Aitken, whose term of office has expired.
- SNAPE**, E. A., appointed Junior House-Physician to the Charing Cross Hospital.
- SWABY-SMITH**, C., M.R.C.P. Ed., M.R.C.S., etc., appointed an Honorary Medical Officer to the Brixton Dispensary.
- TAYLOR**, A. E., M.B., B.S. Lond., M.R.C.S. Eng., appointed Senior Surgeon to Out Patients at the Poplar Hospital for Accidents.
- THACKWELL**, J. B., M.B. and C.M., appointed Medical Officer for the parish of Portul, Isle of Skye, *vice* Dr. Ross, deceased.
- WALKER**, P. H., M.B., C.M., appointed Medical Officer and Public Vaccinator to the Farlington Union, *vice* J. B. Miller, M.B., C.M., resigned.
- WELLS**, A. P., L.R.C.P., L.M. Edin., appointed Medical Officer to the Bromley Union, No. 5 District, *vice* A. Piggett, L.R.C.P., L.M. Edin., deceased.
- WHITWELL**, James Richard, M.B. and C.M. Edin., Honours, appointed Pathologist to the South Yorkshire Asylum, Wadsley, near Sheffield.
- WYNNE**, E. T., M.B., M.R.C.S., L.R.C.P., appointed Resident Clinical Assistant to the City of London Hospital for Diseases of the Chest.

**BRITISH MEDICAL BENEVOLENT FUND**.—The annual general meeting of subscribers to this fund was held on Thursday, January 12th, at the residence of the treasurer. The chair was taken by Dr. Jonson, Chairman of Committee, and the first business which came before the meeting was the election of a president, in place of Sir George Burrows, Bart., M.D., F.R.S., deceased. Dr. Broadbent, the Treasurer, proposed the election of Sir James Paget, Bart., F.R.S., an old subscriber and warm friend to the fund, and at the present time a vice-president and trustee. His distinguished advocacy of the claims of the fund, and the successful outcome of his exertions at the celebration of the Jubilee, on which occasion he presided at the banquet, would be fresh in the minds of subscribers, and the committee would find it difficult to select a better president. This was seconded by Mr. J. F. France, J.P., also a vice-president, and carried unanimously. The Treasurer then presented his financial report and the balance sheet for 1887, from which it appeared that in the donation department £704 6s. 6d. had been received, and as subscriptions £1,266 0s. 5d., together £1,970 6s. 11d.; while returned grants and other items made the income for the year £2,139 2s. On the other side, grants to 166 applicants had been made, amounting to £1,791 10s., and the expenses had reached the sum of £137. There was a larger balance than usual at the bank, accounted for by the fact that the last meeting of the committee had been held on December 21st, and also that some of the local secretaries had paid in their collections before the close of the year. In the annuity department the investments had realised £1,233 13s. 2d., and there was an item to be noticed in the payment of £5,000, duty free, by the executors of the late Sir Erasmus Wilson. The annuitants number 64, and the sum distributed amounted to £1,260, which distribution is carried out by the Chairman of Committee, Dr. Jonson, the cost being very trifling considering the large number of instalments. The Report of the Committee noticed that the fund had laboured under some disadvantage, owing to the fact that a special effort had been made during 1886, and also on account of the counter-attraction of Her Majesty's Jubilee. The income of the fund has thus somewhat fallen off, so that the money for disposal was often insufficient, but it was hoped that the subscriptions and donations during the coming year would show an increase, and maintain the average improvement which had taken place up to the present. In the committee, two vacancies had occurred which were filled by the election of Drs. M. Baines and Cooper Rose. It was a matter of regret that there had been no addition to the number of honorary local secretaries, a most useful portion of the machinery of this fund, as, by their means the committee is enabled to ascertain directly, and with the least amount of publicity, the *bona fides* of applicants in the country. Subscriptions to the fund to be specially noted, were £21 from Sir William Jenner, £200 from Mr. Winter, of Brighton, £100 from "A. O. A.," £50 from the Faculty of Physicians and Surgeons, Glasgow, through Sir G. H. Macleod, £25 from John Morgan, Esq., £21 from Dr. Cumberbatch, £20 from Dr. Frank, of Cannes. The death of Sir George Burrows, President, was felt as a great loss to the fund, which he had joined as a Member of Committee in 1851, becoming Vice-President in 1859, and President in 1869, continuing to serve in that capacity until the date of his death, a period of eighteen years. The characteristics of this fund are—no institution, no salaries, no rent; the only expenses being those for printing and postage, and a small commission to a collector. Applicants have only to send in a form, authenticated by a subscriber, and two or three letters, one of which must have come from a medical man, when, if the case be otherwise suitable, a grant is made at once, and distributed either in one sum or by instalments, according to the judg-

ment of the committee; then, if the applicant's age be over 60, and his income low enough to justify it, the name is placed upon the list of candidates eligible for annuities, from which list annuitants are selected twice a year as vacancies occur.

**SOCIETY FOR RELIEF OF WIDOWS AND ORPHANS OF MEDICAL MEN.**—A quarterly Court of Directors of this Society was held on Wednesday, January 11th, Mr. Tegart, V.P., in the chair. Two new members were elected, the deaths of five were reported, and the resignation of two others accepted. Grants were made to the amount of £1,402 10s., to 64 widows, 7 orphans, and 3 orphans on the Copeland Fund. An application was read for a grant from a widow for herself and two children, and assistance was given. The expenses for the quarter were £61. A resolution was passed expressing the deep regret felt by the directors at the death of their late president, Sir George Burrows, and their grateful sense of the eminent services which he had rendered to the Society during 35 years in which he was a member of the Court, for 17 of which he was its president. The treasurer announced that the small sum of £10, left to the Society by its first secretary, Mr. Chamberlaine, now reached the desired amount of £100, and in accordance with the terms of the bequest, the interest would now be devoted to providing a frugal supper for the treasurer, auditors, and secretary, at the half-yearly audits.

**OBSTETRICAL SOCIETY OF LONDON.**—The following are the names of the officers recommended by the Council for election at the ensuing annual meeting of the Society on Wednesday, February 1st, at 8 P.M.: *President*: John Williams, M.D. *Vice-Presidents*: \* F. H. Champneys, M.A., M.B.; W. F. Cleveland, M.D.; Robert Cory, M.D.; C. J. Cullingworth, M.D., Manchester; W. Stephenson, M.D., Aberdeen; \* J. Knowsley Thornton, M.B., C.M. *Treasurer*: A. L. Galabin, M.A., M.D. *Chairman of the Board for the Examination of the Midwives*: J. Watt Black, M.D. *Honorary Secretaries*: Percy Boulton, M.D.; \* Alban Doran. *Honorary Librarian*: \* Peter Horrocks, M.D. *Other Members of Council*: \* R. Boxall, M.D.; J. Matthews Duncan, M.D., F.R.S.; \* W. Duncan, M.D.; \* A. T. Gibbings, M.D.; W. S. A. Griffith, M.B.; \* F. B. Hallows, Redhill; \* E. Hollings, M.D.; J. B. Hurry, M.D., Reading; Evan Jones, Aberdare; M. Handfield-Jones, M.D.; \* A. E. Aust Lawrence, M.D., Clifton; A. H. N. Lewers, M.D.; G. Lowe, Burton-on-Trent; \* O. C. Maurice, M.D., Reading; W. A. Meredith, M.B., C.M.; J. Phillips, B.A., M.B.; A. Roper; A. J. McC. Routh, M.D. Those gentlemen to whose names an asterisk is prefixed were not on the Council, or did not fill the same office last year.

**METROPOLITAN HOSPITAL SUNDAY FUND.**—A meeting of the Council of the Metropolitan Hospital Sunday Fund was held on Monday last at the Mansion House, under the presidency of the Lord Mayor. It was reported that the total amount available for distribution, after allowing sufficiently for liabilities and the annual current expenses, was £39,125. Of this total £37,525 was now recommended to 107 hospitals and 50 dispensaries. Four per cent. of the total collected (£1,600) had been set apart for the purchase of surgical appliances. The committee acknowledged with thanks the receipt from Mr. Hankey of a cheque for £200, being a further donation to the funds of the institution. The retiring members of the various committees, together with the officers of the fund, were then duly re-elected.

**THE SMALL-POX EPIDEMIC AT SHEFFIELD.**—At a meeting of the guardians of the Sheffield Union held on Monday last, it was decided to appoint a number of assistant officers to make a house-to-house visitation with the view of ascertaining the number of vaccinated and revaccinated persons, and of persuading people to take all precautions to prevent the spread of the disease. Arrangements were made for the medical officers to attend at their respective centres as often as possible, and in every way to facilitate revaccination. Similar steps will be taken in the Ecclesall Union.

**THE METROPOLITAN HOSPITAL.**—At the annual meeting of this charity, held on Monday last, reference was made to the great success which had attended the provident department of the hospital since it had been opened in November last. In three months upwards of 800 books had been issued, representing, in round numbers, 1,400 lives. The new hospital affords accommodation for 160 beds, of which 40, placed in a separate block, will be reserved for members of Jewish persuasion. An appeal is being made for funds towards the £10,000 required annually to carry on the work of the charity.

**PRIZE ESSAYS ON MEDICO-LEGAL SUBJECTS.**—The Medico-Legal Society of New York announces three prizes of the value of 100, 75, and 50 dollars respectively, for the three best essays on any subject within the domain of medical jurisprudence or forensic medicine. The essays are to be sent to the President of the Society by April 1st, with a motto, the author's name being sent under separate cover. Candi-

dates are required to join the society as honorary, corresponding, or active members. Further particulars may be obtained from the President, Clark Bell, Esq., 57, Broadway, New York.

**THE EXTERMINATION OF RABBITS.**—M. Pasteur's plan of exterminating rabbits by the spread of fowl cholera has been tried in a walled field near Rheims, where both gun and ferret had proved ineffectual. M. Loir, nephew of M. Pasteur, went down and poured on a truss of hay some broth full of the microbes of chicken cholera. The next day nineteen dead rabbits were found, and two days later twelve more. In some of the burrows were discovered families of dead rabbits, and not one living rabbit has since been seen.

**FIFTH CONGRESS OF POLISH PHYSICIANS AND MEN OF SCIENCE AT LEMBERG.**—Towards the end of May, 1888, the Fifth Congress of Polish Physicians and Natural Scientists, together with a medico-hygienic and scientific exhibition, will take place at Lemberg.

**NEW TEACHERS IN THE VIENNA MEDICAL FACULTY.**—The following *Docenten* have recently been appointed: Drs. Neusser (Medicine); Hochstetter (Anatomy); Kolisko and Paltauf (Pathological Anatomy); Ehrmann (Dermatology and Syphilis); v. Hacker (Surgery); Unger and Frühwald (Diseases of Children).

**THE "holiday colonies"** organised by the municipal authorities of Paris have already led to some interesting observations as to the growth of children. The girls gained on the average 2 and the boys 1½ kilogrammes in weight. They continued to increase in weight at a still greater rate for about a month after their return. The boys gained on the average 2 centimètres in chest-girth.

**THE will of Mr. John George French, F.R.C.S. Eng., of Cuningham Place, St. John's Wood, has been proved, the personalty being upwards of £24,000.**

**CHARLES COUPER CRIPPS, M.D., B.S., M.R.C.S.,** has been awarded the gold medal for the best essay presented at the examinations for the degree of Doctor in Medicine of the University of Durham during the year 1887.

## MEETINGS OF SOCIETIES DURING THE NEXT WEEK.

### MONDAY.

**MEDICAL SOCIETY OF LONDON, 8.30 P.M.**—Lectures by Mr. Reginald Harrison. Lecture III: The Operative Treatment of Stone and Tumours of the Bladder in Relation to some recent Views and Practices.

### THURSDAY.

**PARKES MUSEUM, 5 P.M.**—Professor E. M. Crookshank: The History and Present Position of the Germ Theory of Disease.

### FRIDAY.

**WEST LONDON MEDICO-CHIRURGICAL SOCIETY, 8.30 P.M.**—Patients and specimens at 8 P.M. Mr. Percy Dunn: 1. Large Hydatid Cyst of Liver. 2. Secondary Deposit of Scirrhus in Liver. 3. Metastatic Abscess in Liver. Mr. C. R. B. Keetley (President) will show two cases of Nerve Suture. Dr. Herringham will show a case of Peripheral Neuritis. Papers.—Dr. Richard Paramore: On Insomnia. Mr. Jonathan Hutchinson, jun.: Syphilitic Disease of the Liver and Spleen and its Symptoms.

## BIRTHS, MARRIAGES, AND DEATHS.

The charge for inserting announcements of Births, Marriages, and Deaths is 3s. 6d., which should be forwarded in stamps with the announcement.

### BIRTHS.

**FLETCHER.**—January 20th, 1888, at Bathwick, Uttoxeter, the wife of W. H. Fletcher, L.R.C.P., L.R.C.S., L.S.A., L.M., of a son.

**MYDDLETON-GAVEY.**—On the 24th inst., at 64, St. Matthew's Street, Ipswich, the wife of E. H. Myddleton-Gavey, M.R.C.S. Eng., of a son.

### MARRIAGES.

**HERRING-BISHOP.**—On January 25th, at St. Mary's Church, Atherstone, by Rev. James Edwards, John F. Herring, L.R.C.P., L.S.A., B.Sc., W. J. Sprott, M.D., of Beeston, Nottingham, and Promore, County Down, to Hettie, eldest daughter of the late William Bishop, Esq., of Atherstone.

**SPROTT-ARMITAGE.**—On the 24th inst., at Pendleton, Manchester, by the Rev. J. W. Kiddle, assisted by the Rev. Bernard J. Snell, M.A., B.Sc., W. J. Sprott, M.D., of Beeston, Nottingham, and Promore, County Down, to Helen Corina, younger daughter of Benjamin Armitage, Esq., of Chomlea, Pendleton.

### DEATHS.

**BOOKEY.**—On the 11th inst., at the Terrace, Devonport, William John Brownrigg Bookey, Surgeon R.N., aged 36, Resident Medical Officer of H.M. Dockyard, Devonport.

**MARSH.**—On the 18th inst., at 15, Fitzroy Square, London, W., Lory Marsh M.D. M.R.C.P., of 49, Sackville Road, Hove, Brighton, aged 64 years.

## OPERATION DAYS AT THE LONDON HOSPITALS.

<b>MONDAY</b>	10.30 A.M.: Royal London Ophthalmic.—1.30 P.M.: Guy's (Ophthalmic Department); and Royal Westminster Ophthalmic.—3 P.M.: Metropolitan Free; St. Mark's; Central London Ophthalmic; Royal Orthopedic; and Hospital for Women.—2.30 P.M.: Chelsea Hospital for Women.
<b>TUESDAY</b>	9 A.M.: St. Mary's (Ophthalmic Department).—10.30 A.M.: Royal London Ophthalmic.—1.30 P.M.: Guy's; St. Bartholomew's (Ophthalmic Department); St. Mary's; Royal Westminster Ophthalmic.—2 P.M.: Westminster; St. Mark's; Central London Ophthalmic.—2.30 P.M.: West London; Cancer Hospital, Brompton.—4 P.M.: St. Thomas's (Ophthalmic Department).
<b>WEDNESDAY</b>	10 A.M.: National Orthopedic.—10.30 A.M.: Royal London Ophthalmic.—1 P.M.: Middlesex.—1.30 P.M.: St. Bartholomew's; St. Thomas's; Royal Westminster Ophthalmic.—2 P.M.: London; University College; Westminster; Great Northern Central; Central London Ophthalmic.—2.30 P.M.: Samaritan Free Hospital for Women and Children; St. Peter's.—3 to 4 P.M.: King's College.
<b>THURSDAY</b>	10.30 A.M.: Royal London Ophthalmic.—1 P.M.: St. George's.—1.30 P.M.: St. Bartholomew's (Ophthalmic Department); Guy's (Ophthalmic Department); Royal Westminster Ophthalmic.—2 P.M.: Charing Cross; London; Central London Ophthalmic; Hospital for Diseases of the Throat; Hospital for Women.—2.30 P.M.: North-west London; Chelsea Hospital for Women.
<b>FRIDAY</b>	9 A.M.: St. Mary's (Ophthalmic Department).—10.30 A.M.: Royal London Ophthalmic.—1.15 P.M.: St. George's (Ophthalmic Department).—1.30 P.M.: Guy's; Royal Westminster Ophthalmic.—2 P.M.: King's College; St. Thomas's (Ophthalmic Department); Central London Ophthalmic; Royal South London Ophthalmic; East London Hospital for Children.—2.30 P.M.: West London.
<b>SATURDAY</b>	9 A.M.: Royal Free.—10.30 A.M.: Royal London Ophthalmic.—1 P.M.: King's College.—1.30 P.M.: St. Bartholomew's; St. Thomas's; Royal Westminster Ophthalmic.—3 P.M.: Charing Cross; London; Middlesex; Royal Free; Central London Ophthalmic.—2.30 P.M.: Cancer Hospital, Brompton.

## HOURS OF ATTENDANCE AT THE LONDON HOSPITALS.

**CHARGING CROSS.**—Medical and Surgical, daily, 1; Obstetric, Tu. F., 1.30; Skin, M. Th., 1.30; Dental, M. W. F., 9.  
**GUY'S.**—Medical and Surgical, daily, 1.30; Obstetric, M. Tu. F., 1.30; Eye, M. Tu. Th. F., 1.30; Ear, Tu. F., 12.30; Skin, Tu., 12.30; Dental, Tu. Th. F., 12.  
**KING'S COLLEGE.**—Medical, daily, 2; Surgical, daily, 1.30; Obstetric, Tu. Th. S., 2; o.p., M. W. F., 12.30; Eye, M. Th., 1; Ophthalmic Department, W., 1; Ear, Th., 2; Skin, Th.; Throat, Th., 2; Dental, Tu. F., 10.  
**LONDON.**—Medical, daily, exc. S., 2; Surgical, daily, 1.30 and 2; Obstetric, M. Th., 1.30; o.p. W. S., 1.30; Eye, W. S., 9; Ear, S., 9.30; Skin, Th., 9; Dental, Tu., 9.  
**MIDDLESEX.**—Medical and Surgical, daily, 1; Obstetric, Tu. F., 1.30; o.p. W. S., 1.30; Eye, W. S., 8.30; Ear and Throat, Tu., 9; Skin, Tu., 4; Dental, daily, 9.  
**ST. BARTHOLOMEW'S.**—Medical and Surgical, daily, 1.30; Obstetric, Tu. Th. S., 2; o.p., W. S., 9; Eye, Tu. Th. S., 2.30; Ear, Tu. F., 2; Skin, F., 1.30; Larynx, F., 2.30; Orthopedic, M., 2.30; Dental, Tu. F., 9.  
**ST. GEORGE'S.**—Medical and Surgical, M. Tu. F. S., 1; Obstetric, Tu. S., 1; o.p., Th., 2; Eye, W. S., 2; Ear, Tu., 2; Skin, W., 2; Throat, Th., 2; Orthopedic, W., 2; Dental, Tu. S., 9; Th., 1.  
**ST. MARY'S.**—Medical and Surgical, daily, 1.45; Obstetric, Tu. F., 1.45; o.p., M. Th., 1.30; Eye, Tu. F. S., 9; Ear, M. Th., 8; Throat, Tu. F., 1.30; Skin, M. Th., 9.30; Electrician, Tu. F., 2; Dental, W. S., 9.30; Consultations, M., 2.30; Operations, Tu., 1.30; Ophthalmic Operations, F., 9.  
**ST. THOMAS'S.**—Medical and Surgical, daily, except Sat., 2; Obstetric, M. Th., 2; o.p., W., 1.30; Eye, M. Th., 2; o.p., daily, except Sat., 1.30; Ear, M., 12.30; Skin, W., 12.30; Throat, Tu. F., 1.30; Children, S., 12.30; Dental, Tu. F., 10.  
**UNIVERSITY COLLEGE.**—Medical and Surgical, daily, 1 to 2; Obstetrics, M. Tu. Th., F., 1.30; Eye, M. Tu. Th. F., 2; Ear, S., 1.30; Skin, W., 1.45 S., 9.15; Throat, Th., 2.30; Dental, W., 10.30.  
**WESTMINSTER.**—Medical and Surgical, daily, 1.30; Obstetric, Tu. F., 3; Eye, M. Th., 2.30; Ear, M., 9; Skin, Th., 1; Dental, W. S., 9.15.

## LETTERS, NOTES, AND ANSWERS TO CORRESPONDENTS.

COMMUNICATIONS respecting editorial matters should be addressed to the Editor, 429, Strand, W.C., London; those concerning business matters, non-delivery of the JOURNAL, etc., should be addressed to the Manager, at the Office, 429, Strand, W.C., London.

In order to avoid delay, it is particularly requested that all letters on the editorial business of the JOURNAL be addressed to the Editor at the office of the JOURNAL, and not to his private house.

AUTHORS desiring reprints of their articles published in the BRITISH MEDICAL JOURNAL, are requested to communicate beforehand with the Manager, 429, Strand, W.C.

CORRESPONDENTS who wish notice to be taken of their communications, should authenticate them with their names—of course not necessarily for publication. CORRESPONDENTS not answered are requested to look to the Notices to Correspondents of the following week.

MANUSCRIPTS FORWARDED to the OFFICE of this JOURNAL CANNOT UNDER ANY CIRCUMSTANCES BE RETURNED.

PUBLIC HEALTH DEPARTMENT.—We shall be much obliged to Medical Officers of Health if they will, on forwarding their Annual and other Reports, favour us with Duplicate Copies.

## TO CORRESPONDENTS.

Our correspondents are reminded that prolixity is a great bar to publication, and, with the constant pressure upon every department of the JOURNAL, brevity of style and conciseness of statement greatly facilitate early insertion. We are compelled to return and hold over a great number of communications, chiefly by reason of their unnecessary length.

## QUERIES.

## CAUSE OF LEAD-POISONING.

M.O.H. writes: I should be glad if any of the readers of the JOURNAL could give information as to the likely source of plumbism in a rural district. Adults affected. Water free from lead. Home-made wines, etc., not used in many cases. Beer in only one instance was found to contain lead. Articles of consumption, such as bread, tea, etc., etc., from different vendors. More men are affected than women, and to a greater extent. In no case is there any apparent cause.

## AMBULANCE LECTURES TO LADIES.

M.D. has been asked to give a course of ambulance lectures to a class of ladies, and would be glad to have a list of the works recommended for reference, guidance, and textbooks.

The best books for a ladies' ambulance class are: *First Aid to the Injured*, translated from the German by H.R.H. Princess Christian; *Accidental Injuries*, by James Cantlie.

## M.D. DEGREE WANTED.

GOVERNMENT MEDICAL OFFICER writes: I am a Licentiate of the Royal Colleges of Physicians and Surgeons of Edinburgh, of five years' standing, at present holding an appointment in one of Her Majesty's colonies, and intend proceeding home to England this year on one year's leave.

I am desirous of obtaining a British university degree (M.D., if possible). Can I do so in the time (one year)? Perhaps some of your readers would inform me, if so, what universities, and under what conditions? I should be willing to put in one year's residence.

## SPRAY DIFFUSER.

W.R.M. asks to be recommended a spray diffuser for disinfecting air in hospital wards, to be constantly going.

## SOFTENING WATER.

DR. S. T. GWYNN (Whitchurch, Salop) asks whether there is any process by which the water supply of a moderately large house in the country can be softened, as it is done by Clarke's method on a large scale?

## HAIR-WASH.

MEMBER asks for a prescription for a hair-wash for falling out of hair after scarlet fever.

## ANSWERS.

## ROMAN CATHOLIC BOARDING SCHOOL.

We are informed that M.S.C. may obtain all the information he requires by communicating with M.A., Chester House, Cambridge.

## F.R.C.S. EDIN.

In reply to a correspondent who asked what were the best books to be read for the final examination of the Fellowship of the Royal College of Surgeons of Edinburgh, Mr. B. Denison Pedley recommends for the general subjects *Erichsen's Surgery*, *Cornill and Ranvier's Pathology*, *Quain's Anatomy*, *Heath's Operative Surgery*. For the special subjects he must choose for himself. Another correspondent prefers *Bell's Operative Surgery*, *MacLachlan's Surgical Anatomy*, *Treves's Surgery*. Optional subject, if medicine, *Cartier's Medicine*.

## M. PASTEUR'S TREATMENT OF HYDROPHOBIA.

T.M.R. asks where he can obtain the best authoritative details of the experiments conducted by Pasteur, and his deductions therefrom on the subject of rabies, with a view to preparing a paper to be read at a Natural Science Society.

\* In preparing such a paper, our correspondent would do well to make himself acquainted with M. Pasteur's previous work in the same direction. This may be conveniently studied in the article "Attenuation," prepared by Dr. Dawson Williams, for Mr. Watson Cheyne's *Micro-Parasites in Disease* (New Sydenham Society, 1886). This article contains the earlier work on hydrophobia. The report of the Committee on Hydrophobia, appointed by the Local Government Board, contains a review of M. Pasteur's investigations on hydrophobia, with statistics to a later date.

## NOTES, LETTERS, ETC.

## HERMAPHRODITISM OR HYPOSPADIAS.

WILLIAM TIBBLES, L.R.C.P., L.S.A., L.M., M.O.H. (Nottingham) writes: I have read with interest the case of hermaphroditism, reported in the JOURNAL of January 14th, p. 91, and doubt whether the being so described is a true hermaphrodite, as I am sceptical as to the existence of such freaks of Nature in the human species. A true hermaphrodite would possess the organs of generation of both sexes—would, in fact, be bi-sexual, having a penis and testicles capable of secreting a fertile semen containing spermatozoa; and also possessing a vagina, uterus, and ovaries discharging ova capable of fecundation. I am inclined to the belief that reported cases of hermaphroditism are hypospadias of various extent, and fail to see in the report any evidence that Dr. Likomsky's case was any other than an aggravated case of that description. But what evidence of the female sex does Dr. Likomsky report? Merely an opening in the perineum, which corresponds to the vagina, with a short urethra, the lips of the opening corresponding to the labia minora and majora. But have the ovaries and uterus been made out? Has "she" ever menstruated? Has "she" a female pelvis, or well developed breasts? There is no positive evidence of these feminine characteristics; and the mere existence of a perineal opening is not physiological evidence of the

female sex. But, on the contrary, such an opening must exist in males in certain cases of hypospadias, for normally in the male the genital furrow and folds close at the third or fourth month of fetal life to form the spongy portion of the urethra and the scrotum; but in the female they remain open and form the orifice of the vagina and the labia majora and minora. If, therefore, a male be undeveloped and left in the condition of hypospadias, if the furrow does not develop to form the spongy urethra, and the urethra stops short at the membranous portion, there is of necessity a cleft involving to a greater or less extent a separation of the lateral halves of the urethra and scrotum, or even perineum, and giving rise to an appearance resembling the vulva. Is this the condition of Dr. Lükomsky's case?

On the other hand, what are the evidences of the male sex and of hypospadias? 1. A penis, small, without urethra or urethral orifice. 2. Complete erection of penis during sexual excitement. 3. Two testicles of size of pigeon's eggs in scrotum. 4. During coition with women a whitish fluid is ejaculated through the vaginal (perineal) slit. 5. Other evidences of male sex: Powerfully built; absence of rounded contour seen in women; hair on lip and chin; voice rough and deep; Adam's apple prominent; ill-developed breasts; male configuration of pelvis; absence of menstruation; fondness for male occupations. The closure or non-closure of the median raphe must be a source of great perplexity in hypospadias, for the male organs must of necessity closely resemble those of a female, the smallness of the penis and the absence of the penile urethra, especially if the halves of the urethra and scrotum be separated, adding to the difficulty. In any such case, a search per rectum should be made for the ovaries and uterus, and confirmed by means of uterine sound, for these, of course, if found, are positive proof of the feminine qualities. In Dr. Lükomsky's case no such examination is reported, and their absence is negative evidence of the female part of the "being."

On the other hand, we have positive evidence of the male sex in the existence in the scrotum of two testicles, whose function appears to be active, even if imperfect, as proved by the ejaculation of a whitish fluid per urethram during coition with women.

The existence of a perineal opening is not, to my mind, positive evidence of either one sex or the other, and, apart from that fact, the evidences of the male sex preponderate.

A similar case was reported in the JOURNAL of July 9th, 1887, under the title of "A Sexless Being," which I at the time considered was a case of hypospadias, but not having the JOURNAL at hand I cannot just now refer to it.

#### SUNSHINE AT UNDERCLIFF (ISLE OF WIGHT) AND KEW IN 1887.

Mr. J. B. MARTIN (Ventnor) sends us the following:

Monthly Summary of Clear Sunshine at the Undercliff, Compared with the Record at Kew during 1887.

	Undercliff.		Kew.	
	Hs.	Ms.	Hs.	Ms.
January .. ..	52	35	35	—
February .. ..	82	10	43	30
March .. ..	184	33	125	—
April .. ..	231	25	157	—
May .. ..	166	55	131	—
June .. ..	255	35	260	—
July .. ..	234	9	251	—
August .. ..	306	39	170	—
September .. ..	156	8	158	—
October .. ..	131	45	97	—
November .. ..	78	22	63	—
December .. ..	42	—	35	—

1,916 16 1,579 30

The foregoing tables contain the record only of clear sunshine, and do not include days which might otherwise come under the head of bright sunny days, haze, mist, or the passing of a light cloud arresting the power of the recording instruments.

With regard to the Undercliff, some allowance must also be made in consequence of its falling into shade between six and seven o'clock in the evening during the summer months, depriving the instrument of a considerable amount of sunshine which would otherwise be recorded in fine weather. There is also the same loss from the sun rising in the morning behind the high ground of Dunnose.

The excess of clear sunshine during 1887 has been very remarkable at the Undercliff.

	Undercliff.		Kew.	
	Hs.	Ms.	Hs.	Ms.
1882 .. ..	1,709	18	1,444	—
1883 .. ..	1,604	24	1,476	—
1884 .. ..	1,561	8	1,311	30
1885 .. ..	1,704	12	1,476	30
1886 .. ..	1,679	10	1,415	—
1887 .. ..	1,916	16	1,579	30

COMMUNICATIONS, LETTERS, etc., have been received from:

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