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BRITISH COLUMBIA
MEDICAL COUNCIL,
1891.

MEMBERS AND OFFICERS
OF THE
British Columbia Medical Council

ELECTED MAY, 1891.

DR. S. J. TUNSTALL, - - - PRESIDENT

DR. A. W. DE WOLFE SMITH, - VICE-PRESIDENT

DR. GEORGE L. MILNE, - REGISTRAR AND SECRETARY

DR. J. M. LEFEVRE, - - - TREASURER

DR. JOHN C. DAVIE,

DR. W. J. MCGUIGAN,

DR. E. B. C. HANINGTON.

SOLICITOR :

FREDERICK G. WALKER, ESQ., B. A. CONTAB.

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VICTORIA, B. C. :
THE COLONIST STEAM PRINT.

1891.

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REGISTRAR'S REPORT.

THE BRITISH COLUMBIA MEDICAL REGISTER contains the names of all the members who have been admitted to register in this Province, as properly qualified, and entitled to practice Medicine, Surgery and Midwifery in the Province of British Columbia at this date, as well as other information pertaining to the profession.

G. L. MILNE,

REGISTRAR AND SECRETARY.

VICTORIA, May 14th, 1891.

Synopsis of Requirements.

For the information of those who are not acquainted with the requirements necessary for registration as medical practitioners in this Province, the following synopsis is given :

1. Clause 29 of the Consolidated Statutes of British Columbia provides: "The Council shall admit upon the register any person who shall produce from any college or school of medicine and surgery, requiring a three years' course of study, a diploma of qualification; provided also, that the applicant shall furnish to the Council satisfactory evidence of identification, and pass before the members thereof, or such of them as may be appointed for the purpose, a satisfactory examination touching his fitness and capacity to practice as a physician and surgeon." 1886, c. 13, s. 28.

2. The examination shall be orally and in writing, upon the following subjects :

1. Anatomy.
2. Chemistry.
3. Physiology.
4. Pathology.
5. Materia Medica.
6. Medical Jurisprudence.
7. Theory and Practice of Medicine.
8. Clinical Medicine.
9. Surgery.
10. Clinical Surgery.
11. Obstetrics and Diseases of Women and Children.

3. The highest marks to any written question shall be in respect to the first six branches, equalling in the aggregate fifty per cent. for each paper, and must obtain in respect of each branch, 7, 9 and 11, a number of marks equalling seventy-five per cent.

4. Before examination the candidate shall pay to the Registrar of the Council the fee of one hundred dollars for the examination, fifty dollars of which shall be returned if the candidate be rejected.

5. During each year there shall be two regular meetings and two examinations held, beginning on the first Tuesday of November and May of each year.

MEDICAL REGISTER, MAY, 1891.

| Date of Registration. | NAME. | RESIDENCE. | QUALIFICATION. |
|-----------------------|------------------------|--------------|--|
| 1891, May | 7 Arthur, E. C. | Nelson | M.D.C.M., Trinity College, Toronto, 1888; M. C. P. & S. Ontario, 1888; B., Victoria Univ., 1890. |
| 1891, May | 7 Ardagh, V. E. R. | Metlakathla | L.R.C.P. & S., Edinburgh, 1885; L.M., Edinburgh, 1885; R.C.P. & S., 1885. |
| 1886, Aug. | 24 Beckingdale, D. L. | Vancouver | M.D.C.M., Univ. Edinburgh, 1872. |
| 1886, July | 6 Bentley, R. J. | Westminster | M.B. Univ. Toronto, 1876; M.C.P.S. Ont., 1877. |
| 1887, Nov. | 4 Bodington, G. F. | Vancouver | M.R.C.S. Eng., 1890; Lic. Mid. Royal Col. Surgeons; Lic. Soc. Apothecaries; F. Royal Col. Surgeons; Mem. R.C.P., London; M. D. Univ. of Giessen, Ger.; M.D. Univ. Durham, England, 1885. |
| 1890, May | 8 Bolton, A. E. | Port Simpson | Degree Univ. New York, in Medicine and Surgery, 1888. |
| 1891, May | 7 Boggs, George W. | Westminster | M.D.C.M. McGill Univ., 1886. |
| 1886, May | 28 Clarke, Sibree | Kamloops | M.C.P.S. Ontario, 1877. |
| 1886, July | 24 Clarke, R. B. | | Univ. Victoria College, Canada, 1866. |
| 1886, July | 17 Cooper, H. M. | Westminster | M.D. Mich. Coll. of Med., Detroit, 1883. |
| 1888, Nov. | 7 Carroll, John T. | Vancouver | M.D.C.M. Victoria Univ., 1882; L.R.C.P.S., Edinburgh, 1882; M.C.P. & S. Ont., 1883. |
| 1889, Feb. | 4 Chipp, John | Nicola | M.R.C.S. Eng., 1857; Lic. Soc. Apoth. London, 1857. |
| 1889, Oct. | 16 Callanan, Michael | Victoria | Lic. Royal Coll. Surgeons, Ireland, 1874; Lic. Coll. Physicians, Kings and Queens, Ireland, 1875; Lic. Midwifery, Kings and Queens, Ireland, 1875. |
| 1890, Feb. | 23 Crompton, Ernest | Victoria | M.R.C.S., Eng., 1889; Lic. Royal Coll Phys., London, 1889. |
| 1891, May | 7 Campbell, W. Bell | Donald | R.C.P. Edin.; R.C.S. Edin.; Fac. of P. & S., Glasgow, 1887. |
| 1891, May | 7 Clarke James | Ashcroft | B.A. Dublin Univ., 1885; M.B. Dublin Univ., 1887; Beh. Dublin Univ., 1889; L.M. Coombe Hospital, Dublin. |
| 1889, May | 25 Davie, J. C. | Victoria | M.D., Univ. California, 1865; Elect. Member Med. Council B.C. 1886-90; Treasurer 1886, President 1888. |
| 1886, July | 27 Davis, L. T. | Nanaimo | M.D.C.M. Queen's Univ. Canada, 1883. |
| 1887, June | 10 Duncan, J. A. | Victoria | M.D.C.M. McGill Univ. Canada, 1884. |
| 1889, Dec. | 17 Dickson, Lindsay F. | Cowichan | M.R.C.S. Eng., 1856; M.D. Univ. St. Andrew, 1857. |
| 1887, June | 10 Eberts, Duncan | Wellington | M.D.C.M. McGill Univ. Canada, 1885. |
| 1887, June | 10 Furrer, Edward | Kamloops | M.R.C.S. Eng.; M.D.C.M. Trinity College, Toronto, 1884. |
| 1887, Nov. | 4 Fagan, C. J. | Westminster | B.A., M.B. Beh. & L.M., Univ. of Dublin, L.M. Rotunda Hospital, 1883. |
| 1890, Nov. | 8 Foot, E. C. | Victoria | M.B. Univ. Dublin, 1873; L.R.C.S. Ireland, 1875. |
| 1886, June | 4 Garrow, John | Victoria | M.D. Coll. Med. Detroit, 1883. |
| 1889, Nov. | 11 Girvinood, Gilbert | | M.R.C.S. London, 1854; F.C.P. & S., London; Lic. F.C.P. & S. Canada, 1870. |
| 1886, July | 24 Hall, F. W. | Victoria | M.D. Coll. Med. Mich., Detroit, 1885. |
| 1886, Nov. | 2 Hall, T. S. | Westminster | M.D. Coll. Med. Mich., Detroit, 1885. |
| 1889, Nov. | 16 Hall, John | Victoria | Dip. Western Homeo. Coll., Ohio, 1857. |
| 1886, June | 9 Hanington, E. B. C. | Victoria | M.D.C.M. McGill Univ. Canada, 1875; Elected Med. Coun. B.C. 1887; Treasurer 1887-9, President 1890. |
| 1886, May | 15 Harrison, H. | Victoria | M.R.C.S. Eng., 1858; Lic. Apoth. London, 1853; Elec. Med. Coun. B.C. 1886. |
| 1886, June | 1 Helmcken, J. S. | Victoria | M.R.C.S. Eng., 1848; Lic. Apoth. London, 1847. |
| 1886, Aug. | 19 Helmcken, J. D. | Victoria | M.D. Bellevue Med. Coll., N.Y., 1884. |
| 1888, Feb. | 3 Henderson, J. C. | Chilliwack | M.B.C.M. Glasgow Univ., Scotland, 1882. |
| 1886, May | 15 Hendrickson, W. M. | | M.D. Albany Med. Coll., 1867. |
| 1889, May | 9 Hasell, E. S. | Victoria | M.R.C.S. Eng., 1885; Lic. Soc. Apoth. London, 1885. |
| 1886, Feb. | 27 Herbert, Sidney | Vancouver | M.R.C.S. Eng., 1880; L.R.C.P. London, 1886. |
| 1891, May | 7 Herald, R. T. W. | Vancouver | M.D.C.M. Queen's Univ., Canada, 1890. |
| 1870, Nov. | 8 Hall, E. A. | Victoria | L.R.C.P. Edinburgh, 1884; Fel. Trinity Med. School, 1884; M.D.C.M. Trinity College, Toronto, 1884; L.C.P. & S. Ontario, 1884. |
| 1888, April | 18 Irving, Duncan Ball | Vancouver | Lic. Coll. P. London, 1883; M.R.C.S. Eng. 1883. |
| 1888, Nov. | 8 Johnston, George D. | Vancouver | M.R.C.S. Eng., 1883; L.R.C.P. London, 1883. |

MEDICAL REGISTER, MAY, 1891—CONTINUED.

| Date of Registration. | NAME. | RESIDENCE. | QUALIFICATION. |
|-----------------------|------------------------|--------------------|--|
| 1889, Nov. 26 | Jack, W. D. Brydone .. | Vancouver | B.A. University of New Brunswick, 1879; Lic. R.C. Edinburgh, 1884; Lic. R.C. Surgeons, Edinburgh, 1884. |
| 1886, June 17 | Jones, W. H. McN..... | Victoria | B.A. Queen's University, Ireland, 1852; M.D. Queen's Univ. Ireland, 1861; C.M. Queen's Univ. Ireland, 1865. |
| 1886, July 15 | Lefevre, J. M..... | Vancouver | M.D.C.M. McGill Univ. Canada, 1879; M.C.P. S. Ontario, 1879; Elec. Med. Council B.C. 1890-91—Treasurer. |
| 1887, March 31 | Langis, H. E..... | Vancouver | M.D. Victoria Univ. Canada, 1883. |
| 1891, May 7 | Leitch, H. D..... | Victoria | M.D.C.M. Trinity Univ. Toronto, 1884; M.C.P. & S. Ontario, 1885; Fel. Trinity Med. School, Toronto, 1885. |
| 1887, Feb. 3 | McLean, I. M..... | Westminster | M.D.C.M. McGill, 1884. |
| 1886, July 7 | Matthews, J. B..... | Victoria | M.R.C.S. England, 1852; Soc. Apoth. London, 1853. |
| 1886, May 15 | Milne, G. L..... | Victoria | M.D. Vict. Univ. Canada, 1880; C.M. Vict. Univ. Canada, 1882; M.D. Toronto Univ., 1890. Elec. Mem. Med. Coun. B.C. 1886-90; Registrar and Secretary 1886-91. |
| 1886, Sept. 30 | Morrison, R. R..... | Victoria | M.D. Mich. Coll., Detroit, 1882. |
| 1890, May 8 | Mills, John A..... | Vancouver | Fell. Trinity Med. Coll., 1890; Degree M.D.C. M. Univ. Trinity College, 1890. |
| 1886, Oct. 15 | McAlpine, D. L..... | Vancouver | M.B. Univ. Toronto, 1863; M. C. P. & S., Ontario, 1866. |
| 1887, Feb. 3 | McDougall, R..... | | M.D.C.M. Glasgow, Scotland, 1873; Cert. of Reg. Great Britain. |
| 1886, Aug. 24 | McGuigan, W. J..... | Vancouver | M.D.C.M. McGill, 1879; M.C.P. & S., Ontario, 1890. Elec. Med. Coun. B. C. 1887-90. President 1889. |
| 1887, Jan. 21 | McInnes, T. R..... | Westminster | M.D. Bennet Coll. Med. 1869; Rush Med. Coll., Chicago, 1869; M.C.P. & S., Ontario, 1873. |
| 1886, June 12 | McSwain, A..... | | M.D. Harv. Univ., 1873; L.R.C.P. Eng., 1879. |
| 1889, May 9 | McGillis, W. C..... | Vancouver | M.D. Bishop Med. Coll. Quebec, 1881; Coll. P. & S. Quebec, 1881. |
| 1889, Oct. 24 | McLean, Daniel..... | Westminster | Diploma Univ. of Cambridge, Mass., 1863. |
| 1889, Aug. 7 | Newcombe, C. F..... | Victoria | M.B. Univ. Aberdeen, 1873; M.D. Univ. Aberdeen, 1878. |
| 1866, July 28 | Offerhaus, E. J..... | Spallumcheen .. | Cert. Univ. Gromagen, Naderland, 1874. |
| 1887, April 4 | O'Brian, R. S. B..... | | M.D.C.M. McGill University, 1873. |
| 1886, June 4 | Powell, I. W..... | Victoria | M.D.C.M. McGill Univ. 1866. Elec. Mem. Med. Coun. B.C. 1886-7; President 1886. |
| 1886, July 31 | Praeger, A. E..... | Nanaimo..... | Lic. P. & S. Glasgow, 1883; Lic. Soc. Apoth. London, 1883. |
| 1888, Nov. 8 | Pearse, A. W..... | Yale | M.R.C.S. Eng., 1886; L.R.C.P., London, 1886. |
| 1886, May 15 | Robotham, H..... | Cowichan | M.R.C.S. Eng., 1849; Lic. Soc. Apoth. London, 1849. |
| 1887, Feb. 3 | Redmond, W..... | Victoria | L.R.C.S. Edinburgh, 1861; L.R.C.P. London, 1886; M.C.P. & S. Ontario, 1882. |
| 1887, June 20 | Renwick, W..... | Victoria | M.R.C.S. Eng., 1870; L.R.C.P. Edinburgh, 1870; L.S.A. London, 1871. |
| 1887, June 10 | Robertson, A. M..... | Vancouver | M.D.C.M. McGill Univ., 1885. |
| 1888, Nov. 8 | Richardson, W. A..... | Victoria | M.B. Univ. Toronto, 1886; L.C.P. & S. Ontario, 1886. |
| 1888, Nov. 8 | Reinhard, G. T. A. W.. | Ladner's P. O..... | University Basil, Switzerland, 1882. |
| 1890, Nov. 8 | Rice, P. J..... | Nanaimo..... | M.D.C.M. Vict. Univ. Canada, 1887; L.R.C.P. & L.M. Edinburgh, 1888; Fel. Toronto School of Medicine, 1887. |
| 1886, June 12 | Stevenson, E..... | Vancouver | M.C.P.S. Ontario, 1879. |
| 1886, Nov. 3 | Smith, W. A. D..... | Westminster | M.D.C.M. McGill Univ. 1884; L.C.P. & S. Quebec, 1885. Elec. Med. Coun. B.C. 1888-90; Vice-President 1890-91. |
| 1889, Nov. 16 | Smyth, Wm..... | | Lic. R.C. Surgeons, Ireland, 1881; Lic. Med. Univ., Dublin, 1880; Lic. Mid. R.C.S. Ireland, 1881. |
| 1886, Sept. 10 | Sweat, J. A..... | | M.D. Bowden Coll. Med. Maine, 1886. |
| 1887, Nov. 4 | Sanson, George..... | Clinton | M.C.P.S. Ontario, 1886; M.D.C.M. Univ. Victoria College, Canada, 1886. |
| 1889, May 1 | Strothers, W. T..... | | M.D. Rich. Med. Coll. Richmond, Va., 1868. |
| 1889, Dec. 20 | Thomas, A. H..... | Vancouver | M.B. Edinburgh Univ.; C.M. Edin. Univ.; B.S. Edin Univ.; Lic. Mid. Rotunda, Dublin. |
| 1890, April 18 | Thompson, A..... | Vancouver | M.B.C.M. Edinburgh Univ., 1889. |

MEDICAL REGISTER, MAY, 1871—CONTINUED.

| Date of Registration, | NAME. | RESIDENCE. | QUALIFICATION. |
|-----------------------|--------------------------|-------------------|---|
| 1886, June 4 | Tunstall, S. J..... | Kamloops | M.D.C.M. Univ. McGill, 1875; B.A. McGill Univ., 1873; M.C. & S. Quebec, 1875. Elec. Mem. Med. Coun. B.C. 1886-90; Vice-President 1889, President 1891. |
| 1891, May 7 | Tunstall, Charles A..... | Kamloops | M.D.C.M. McGill Univ., 1891. |
| 1886, May 29 | Wade, M. S. | Victoria | M.D. Fort Wayne Coll. Med., 1882; M.D. Univ. California, 1889. |
| 1886, June 23 | Walkem, W. W. | Nanaimo | M.D.C.M. Queen's Univ. Canada, 1873; C.M. Queen's Univ. Canada, 1874. |
| 1886, June 4 | Watt, H. | Barkerville | M.D. Victoria Univ. Canada, 1880; C.M. Univ. Vict. Canada, 1881; M.C.P.S. Ontario, 1880; M.D. Toronto Univ. 1890. |
| 1889, Oct. 8 | Walker, Richard Eden.. | Westminster ... | M.D.C.M. Trin. Univ. Trin., 1888; Lic. Royal Coll. Phys. Edinburgh, 1888; Lic. Royal Coll. Surg. Edin., 1888; Lic. Soc. Phys. and Surgeons, Glasgow, 1888; Mem. Coll. Phys. and Surg. Ontario, 1888; Fellow Trinity Medical College, Toronto, 1888. |
| 1889, Nov. 11 | Wilson, David H. | Vancouver | M.B. Toronto Univ., 1878; M.B. Trinity Univ., 1878. |
| 1870, Nov. 8 | Watson, A. M. | Duncan's | M.D. Edinburgh Univ., 1864; M.R.C.S. Eng., 1865. |
| 1870, Nov. 8 | Watt, A. T. | Victoria | M.B. Toronto Univ., 1890; M.D.C.M. Univ. Victoria College, 1890. |
| 1889, Nov. 11 | Young, William J. | Comox | M.D.C.M. Queen's Univ., Ontario, 1883. |



BRITISH COLUMBIA MEDICAL COUNCIL

EXAMINATION PAPERS.

MAY, 1891.

MEDICAL JURISPRUDENCE.

Examiner, - W. A. DeWOLF SMITH, M. D. C. M.

1. Give the principal tests for blood. How would you distinguish blood from other stains?

2. Give the differential diagnosis between a case of tetanus and one of strychnia poisoning? Give the tests for strychnia?

3. A body is found in the water. How would you determine whether the person had been drowned or died before being immersed?

4. Give the signs of early pregnancy, and of recent delivery in the living? In which of them would you put most confidence?

5. Describe the post-mortem appearance in a case of death by hanging? How would you decide whether a case was one of suicidal or homicidal suspension?

Any four questions to be answered.

ANATOMY.

Examiner, SIMON J. TUNSTALL, B.A., M.D., C.M.

1. Name muscles attached to the Ilium ?
2. Describe the Liver ?
3. Where is the Otic Ganglion situated ? Describe it ?
4. Name and trace arteries of the arm ?
5. Name tendons surrounding the knee joint ?
6. What arteries are to be avoided in operating ?
 - a. Median operation for stone in the bladder ?
 - b. Tracheotomy ?
 - c. Talipes Calcaneus ?

PHYSIOLOGY.

Examiner, - W. A. DeWOLF SMITH, M. D. C. M.

1. Describe the process of secretion of urine, and give the chemical analysis of normal urine ?
2. Describe the formation of bone, as seen in a section of one of the long bones ?
3. Mention the different glands found in the digestive tract, what is the influence of each on digestion ?
4. Mention the cranial nerves in their order from before backwards ?
5. What is seen on a microscopical examination of a drop of blood ? How are the red blood corpuscles acted on by (a) water ; (b) acetic acid ; (c) solution of caustic potash ?

CHEMISTRY.

Examiner, - GEORGE L. MILNE, M. D., C. M.

1. Name some of the objective points in the examination of urine for chemical purposes.
2. What is the color of urine in icterus? What is the cause, and how would you detect the same?
3. What is the import of triple phosphate in the urine? describe its appearance under the microscope?
4. How is urine tested for Albumin by Heller's test? Describe the procedure?
5. Do medicinal agents change the color of urine? If so, name some of them, and give the changes in color so produced?

MATERIA MEDICA.

Examiner, - GEORGE L. MILNE, M. D., C. M.

1. Write the following prescriptions:—
 - (a) A six-ounce mixture, tablespoonful dose, containing Acidum Salicylicum.
 - (b) A pill containing Acidum Arseniosum.
 - (c) A pill containing Zinci Valerianas.
 - (d) A pill containing Extractum Phiso-tigmatis.
2. Name the alkaloids of cinchona, and give the preparations of quinine, and the dose of each?
3. How is resorcin, antipyrine and acetainlid obtained? State their characteristic properties, also give dose and uses of each.

4. From what is gelsemium obtained? Name its preparations, give dose, action and uses?

5. Name substances chemically and pharmaceutically incompatible with the following drugs:—Acidum Arseniosum, Bromides, Opium, Potassii Iodidum, Gentian Calumba.

MIDWIFERY AND DISEASES OF WOMEN.

Examiner, - - J. M. LEFEVRE, M. D., C. M.

1. Describe the relations of the head of the child to the pelvis, when it presents in the left fronto-cotyloid position, and the manner in which it descends through the pelvis?

2. Describe the treatment of a simple shoulder position and of one firmly impacted in the brim of the pelvis?

3. What precautions are to be adopted to prevent post-partum haemorrhage, and how would you treat this complication if it should occur?

4. Describe the management of the third stage of labor?

5. Give causes, symptoms and treatment of puerperal eclampsia?

6. Diagnose ovarian, cyst from pregnancy and ascites?

SURGERY.

Examiner, - - J. M. LEFEVRE, M. D., C. M.

1. How would you treat a case of oblique fracture of the shaft of the femur?

2. What lesions occur in Pott's Fracture, and how would you treat a case ?

3. Give the differential diagnosis of dislocation of the hip into the ischiatic notch, on the dorsum of the ilium, and into the obturator foramen ?

4. Describe a flap operation through the middle of the leg, and dress the wound ?

5. Trace the descent of the bowel in femoral hernia. What are its coverings; where is the stricture in case of strangulation, and what are dangers to be avoided in operating ?

6. Give the symptoms, morbid appearances and treatment of concussion of the brain ?

PATHOLOGY.

Examiner, - - J. M. LEFEVRE, M. D., C. M.

1. Give the Morbid Anatomy and modes of termination of acute, lobar pneumonia ?

2. Give the etiology, histology and termination of a miliary tubercle ?

3. Describe the structure of the common forms of malignant tumor ?

4. Describe the changes in the liver and kidneys in consequence of chronic alcoholism ?

5. Write briefly on the pathology of septicaemia ?

PRACTICE OF MEDICINE.

Examiner, ERNEST B. C. HANINGTON, M. D.

1 Give fully the symptoms of an epileptic fit? How would you treat a case of epilepsy: (a) during an attack; (b) in the intervening periods?

2. Mention some early symptoms of locomotor ataxy? In what portion of the nervous system is found the essential lesion of this disease?

3. How would you diagnose and treat a case of lobar pneumonia?

4. What are the symptoms of an aneurysm of the thoracic aorta, situated beneath the arch?

5. Give in parallel columns the differential diagnosis between acute rheumatism and acute gout?

6. Give the symptoms and your treatment of malignant diphtheria?

7. What prophylactic and hygienic measures would you adopt in a case of infectious nature?

TREASURER'S REPORT.

J. M. LEFEVRE, Treasurer,

In Account with the British Columbia Medical Council.

D R.

| | | | |
|---------|-------------------------------|-----------|--|
| 1890. | | | |
| May 20 | To cash from Dr. Hanington .. | \$1378 75 | |
| June 27 | " " " Dr. Milne, Sec'y . | 579 00 | |
| Dec. 22 | " " " Dr. Milne, " | 500 00 | |

C R.

| | | | |
|----------|--|--|---------------------|
| 1890. | | | |
| May 20 | By expenses for examinations, printing, advertising, etc. . . | | \$ 78 90 |
| Dec. 12 | By expenses for examinations, printing, advertising, station- ery, etc. | | 236 45 |
| 1891. | | | |
| April 30 | By balance in Bank of Montreal at interest | | 2142 40 |
| | | | \$2457 75 \$2457 75 |

VANCOUVER, April, 1891.