

## **The seventy-third annual report of James Murray's Royal Asylum Perth.**

### **Contributors**

James Murray's Royal Asylum for Lunatics.

Urquhart, A. R.

Fraser, John.

MacPherson, John.

McGrigor, H. J.

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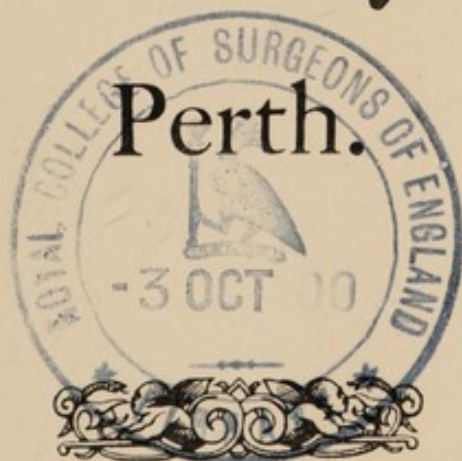
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Wellcome Collection  
183 Euston Road  
London NW1 2BE UK  
T +44 (0)20 7611 8722  
E [library@wellcomecollection.org](mailto:library@wellcomecollection.org)  
<https://wellcomecollection.org>

THE  
SEVENTY-THIRD  
Annual Report  
OF  
JAMES MURRAY'S  
Royal Asylum,



PERTH:  
PRINTED BY J. YOUNG & SONS, 66 WATERGATE.  
1900.



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# James Murray's Royal Asylum, Perth.

## Chairman.

The Right Hon. The Earl of Mansfield.

## Directors Ex-Officio.

His Grace The Duke of Atholl, Lord-Lieutenant of the County.

Andrew Jameson, Esq., Sheriff of the County.

John David Sym, Esq., Sheriff-Substitute of the County.

David MacGregor, Esq., Lord Provost of the City of Perth.

James Chalmers, Esq., Lord Dean of Guild, Perth.

Peter Taylor, Esq., First Bailie, Perth.

Peter M'Gregor, Esq., Convener of Trades, Perth.

The President of the Society of Solicitors, Perth.

Rev. Wm. Main, Minister of Middle Parish Church, Perth.

## Life Directors.

H. Macduff-Duncan, Esq. of  
Damside.

David Mackinlay, Esq. of Cordon,  
Great Western Ter., Glasgow.

The Right Hon. The Earl of  
Mansfield, Scone Palace.

John Thomas, Esq., Solicitor,  
Perth.

## Annual Directors.

Wm. L. Watson, Esq. of Ayton.  
Robert Kinloch, Esq., W. S.,  
Perth.

W. H. Cox, Esq. of Snaigow.

Lieut.-Col. E. R. Stewart Rich-  
ardson of Ballathie.

Sir Robert Pullar of Tayside.

Adam Steel, Esq. of Blackpark.

James Coates, Esq., Pitcullen,  
Perth.

Col. The Hon. F. J. Stuart Gray  
of Gray and Kinfauns.

George Gray, Esq., Bowerswell,  
Perth.

Atholl Macgregor, Esq., Rose-  
mount, Perth.

Alex. Macduff, Esq. of Bonhard.

Col. Campbell, General Prison,  
Perth.

## Committee of Management.

The Earl of Mansfield.

David MacGregor, Esq.

John Thomas, Esq.

Sir Robert Pullar.

Adam Steel, Esq.

James Coates, Esq.

Col. The Hon. F. J. Stuart

Alex Macduff, Esq. [Gray.

## Joint Secretaries and Treasurers.

Messrs. Mackenzie & Dickson, Solicitors, Perth.

## Auditors.

Messrs. J. & R. Morison, Perth.



## Asylum Staff.

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Physician Superintendent.

A. R. Urquhart, M.D., F.R.C.P.E.

Assistant Medical Officer.

J. M. S. Wood, M.B., Ch.B.

Chaplain.

Rev. John W. Henderson, B.D.

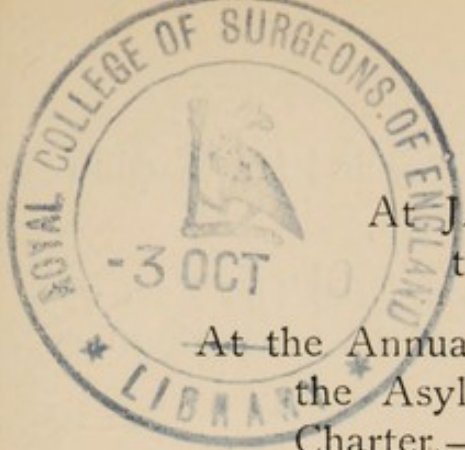
Matrons.

Miss Finch, at the Asylum.

Miss Macfarlane, at Kincarrathie.

Chief Attendant and Storekeeper.

Mr. W. Henry.



At JAMES MURRAY'S ROYAL ASYLUM,  
the 11th day of June, 1900.

At the Annual General Meeting of Directors of  
the Asylum, held in terms of the Royal  
Charter,—Lord Provost MacGregor pre-  
siding :

*Inter alia—*

THE Annual Financial Statements were laid on the table. Dr. Urquhart's Report as Medical Superintendent was also submitted. These Reports, having been printed and circulated amongst the Directors, were held as read.

The Secretary read the Report of the Committee of Management on the administration of the year.

The Chaplain gave in an oral Report.

Dr. Urquhart intimated that Dr. Fraser, the Commissioner in Lunacy, had made his visit and expressed himself generally satisfied with the administration, but his formal Report had not yet been received.

Lord Provost MacGregor, from the Chair, moved—That the Reports now submitted be approved of and recorded in the Minute-Book of the Corporation; and that the same, or a suitable abstract thereof, be printed and circulated under the superintendence of Dr. Urquhart and the Secretaries, which was unanimously agreed to.

Sheriff Sym moved, and it was unanimously agreed to, that the following be elected Annual Directors in room of those retiring, viz. :—

Col. The Hon. F. J. Stuart Gray of Gray and Kinfauns ;

George Gray, Esq. of Bowerswell ;

Atholl MacGregor, Esq. of Rosemount ;

Alex. Macduff, Esq. of Bonhard ;

Col. Campbell, H.M. General Prison ;



and that the names of Col. Stuart Gray and Mr. Macduff be added to the Committee.

On the motion of John Thomas, Esq., The Earl of Mansfield was re-elected Chairman of the Institution for the ensuing year.

The List of Directors now stands as printed on page three.

On the motion of Robert Kinloch, Esq., it was unanimously resolved that the Meeting re-appoint Messrs. Mackenzie & Dickson as Secretaries and Treasurers of the Institution, and that the Chaplain, Auditors, and Matron be re-elected.

The Meeting was brought to a close by a hearty vote of thanks to the Lord Provost for his conduct in the Chair.





REPORT by MANAGING COMMITTEE to ANNUAL  
GENERAL MEETING OF DIRECTORS OF  
JAMES MURRAY'S ROYAL ASYLUM, 11th  
June, 1900.

THE Committee have now the pleasure of submitting the Seventy - Third Report on the affairs of the Asylum.

The Annual Statement of Accounts prepared by the Auditors, Messrs. J. & R. Morison, and now laid on the table, shows the position of the Institution at 31st March, 1900. The total Revenue for the year was - £11,572 11 4 and the total Expenditure, - 12,015 16 3

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showing a deficit of - £443 4 11

The sum received from Patients' Board was £10,102 os 5d, which is less than last year by £1085 3s 2d. The average from 1864 to 1899, inclusive, is £6253 8s 9d.

The yearly income per patient was £90 12s 2d, and the yearly cost calculated on the total expenditure £94 1s 7d. The weekly cost per patient calculated on the whole expenditure was £1 16s 2d.

The patients remaining on the register, together pay £10,969 per annum, being an average board rate of £83 14s 8d.

The ordinary minimum rate of board is £60 per annum, but during the past year patients were maintained at rates varying from £30 to £52, as confirmed by the Directors in terms of the Charter. The sum thus expended on charitable action amounted to £470 14s 9d.

The Accounts of the Farm show a surplus income of £211 13s 6d, and those of the Garden a deficit of £6 1s 9d. There have been no changes in the methods of management; both afford healthy and interesting occupation for such gentlemen as can be induced to enter upon outdoor employment. The stock has been generally healthy. The quantity of milk supplied was 8635 gallons. As usual, the Farm Accounts will be found with the other Financial Statements.

In conformity with the plan worked out by the Treasurers for repayment of debt on the Institution, a sum of £222 has, each half-year from Martinmas, 1898, been placed on Deposit Receipt, and at Martinmas, 1899, the aggregate amount of £666 was applied, along with an additional £334, in repayment of £1000 of Bonds, thus reducing the amount borrowed on Bonds and Dispositions in Security to £9700.

Col. Murray Graham has resigned his position as a Director in consequence of having been called on to resume military duties, and the Directors who fall to retire at this time are :—

ALBERT BUTTER, Esq.  
 R. W. R. MACKENZIE, Esq.  
 JAS. T. SELLAR, Esq.  
 T. G. NAIRNE, Esq.



The following names are suggested to fill the vacancies :—

Col. The Hon. F. J. STUART GRAY of Gray  
and Kinfauns.

ALEX. MACDUFF, Esq. of Bonhard.

Col. CAMPBELL, General Prison, Perth.

ATHOLL MACGREGOR, Esq.

GEORGE GRAY, Esq.

Col. STUART GRAY and Mr. MACDUFF to be  
Members of Committee in room of Mr. BUTTER  
and Mr. R. W. R. MACKENZIE.





REPORT of the PHYSICIAN SUPERINTENDENT  
for the Year ending 31st March, 1900,  
presented at the ANNUAL MEETING OF  
DIRECTORS, 11th June, 1900.

General  
Statistics.

I HAVE the honour to present the Seventy-third Annual Report, together with the Tables of Medical and General Statistics.

On the 1st April, 1899, there were 131 persons on the Registers of the Asylum.

Forty-eight were admitted during the year, of whom 35 were men and 13 women.

Thirty-seven were discharged, 26 men and 11 women.

The number of deaths was 11, 6 men and 5 women.

The total number of cases under treatment was 179, and the average daily number on the books 127.

On the 31st March, 1900, there remained 74 men and 57 women—total, 131,—the same as on the corresponding date last year.

At the close of the year there were 9 voluntary patients, 6 male and 3 female. Eight were resident at Kincarrathie, and none were absent on pass.

The Admissions.

The average rate of the admissions for the last thirty-four years is 34 per annum. This year 48 cases have been received, 8 fewer than in 1899.



Thirty-seven patients were received for the first time; 8 returned relapsed, after having been discharged recovered; and 3 were returned as unsuitable for private care. One Voluntary Patient was necessarily certified in consequence of his technically insane mental condition. Four were transferred from other Asylums. Of the 48 admissions, only 12 were found free from physical diseases more or less severe, and 4 died within a short time after reception here owing to the fatal and incurable maladies under which they laboured on admission. The average age on admission was 41·2 years (compared with 40·6 in 1899), and 3 were over 60 years of age (compared with 6 in 1899).

The causes of insanity as discovered on admission were ascertained, more or less precisely, in 45 cases, leaving only 3 unaccounted for. Causes of  
Insanity. Twenty-three were hereditarily predisposed to mental derangement, while 8 belonged to families of neurotic tendencies, and the male parents of 4 were alcoholic. Thirteen had been subjected to mental stress of a severe nature, but 12 of these presented such a family history as showed that they were inherently unable to withstand the anxieties under which they had succumbed, and all the others laboured under exhausting physical disorders. Six patients suffered from severe attacks of influenza within a short time previous to admission, and in 1 case no other cause could be ascertained. The other 5 cases were mentally unstable in consequence of hereditary or acquired conditions.

The number of curable cases admitted may be Curability.



stated at 16, making every allowance for possible improvement in certain doubtful instances. Thirty-two were indubitably in hopeless condition in this respect, owing to advanced degenerative disease of vital organs or congenital defects. Twenty had previous attacks of insanity, and 7 were of such a nature that periodicity of disease had been established. Eight were readmitted for the second time, 2 for the third time, and 1 for the fifth time.

Physical  
Diseases.

The usual list of physical diseases was noted as causative of, or complicating the mental malady, especially diseases of the heart and digestive system, and the effects of alcoholism, or other toxic agencies. Eleven patients were admitted suffering from the effects of chronic alcoholism. Of these six had become technically insane, while 5 were voluntary patients. When the antecedent facts were ascertained, however, it was found that only 1 had become insane owing to this single cause. Two were hereditarily predisposed to insanity, 1 came of a nervous stock, and accident or disease had a share in inducing the mental aberration of two. The parents of 4 of these admissions were known to be habitual drunkards.

Former  
Residences of  
Admissions.

Those admitted came from the following localities :—Six from Perth, 12 from the County of Perth, 3 from Edinburgh, 3 from Glasgow, 5 from Forfarshire, 6 from Fife, 8 from other parts of Scotland, 4 from England, 1 from New Zealand. No applications from the City or County of Perth were refused. As in former years, due consideration was shown to indigent patients of the class and from the locality prescribed by the



Charter of Incorporation, but two such applications from other parts of the country could not be entertained.

The general Recovery Rate of the Asylum The Recoveries. during the years 1865-99 inclusive is 34'44. This year again shows a very low proportion. It is 27'08, on the total number of admissions—28 for men and 23 for women. Altogether, 13 patients left the Institution restored to health.

Of those persons (24) discharged from the Institution unrecovered, 5 were transferred to other Asylums in the hope of change proving beneficial and 2 were sent to other Asylums, being unable to pay the minimum rate of board charged here. Fourteen were returned to family life; 3 were removed against advice with untoward results; 2 were sent to private care; 1 recovered after removal; 4 have since died; and 2 have been readmitted. The Unrecovered.

The percentage of Deaths on the average The Deaths. numbers resident was 8'63, the average rate of the Institution being 5'90. This is an increase on the figures (7'58) for the previous year. The actual number of deaths was 11, as compared with 10 last year. Seven were admitted labouring under the fatal maladies which inevitably terminated in death. One died of general paralysis, 1 of epilepsy, 2 of diabetes, 4 of exhaustion after influenza, 2 of phthisis, and 1 of empyœma. Ten were absolutely incurable as regards mental condition. Three had been patients here for 30, 44, and 50 years respectively.



The average age at death was 56 years, 44 for males and 71 for females. Seven *post-mortem* examinations were made, and accurate records preserved.

Average  
Numbers  
Resident.

The average daily numbers on the books during the year were:—Certified male patients, 66·74; female, 53·07; Voluntary male, 4·84; female, 3·07. Total, 127·72. This shows a decrease of 4·05 compared with last year, and an increase of 37·25 over the average daily number since 1864, which is 90·47. The lowest number for any one day (123) occurred on the 30th April, 1899, and the highest (133) on the 6th January, 1900. Throughout the year there has been undue overcrowding in the Male Department, and it has been necessary to refuse admission from time to time. Some relief has been found in temporarily renting Mount Tabor Cottage, and the question of more permanent arrangements there is now engaging the attention of the Committee of Management.

The patients remaining resident on the 31st March were in a most unfavourable condition in respect of curability. Not more than ten were at all likely to recover. Eleven were actively suicidal and required constant supervision, while twenty-four were dangerous to others. Five were epileptic, and two were general paralytics. Seven were over seventy years of age.

Consideration of the cases under care and treatment, as classified under their various mental disorders, resulted in a statement of chronic and hopeless disease. A very small proportion laboured under acute forms of insanity, and most



of these suffered from recurrent attacks. No fewer than 88 were greatly impaired in mental condition or were affected by fixed and limited delusions. The small proportion of the excited and maniacal compared with the depressed and melancholic (4 to 19) is remarkable as indicating a change in the type of insanity as found in Asylums, a change which has been repeatedly referred to, and which seems to be progressive. As I have elsewhere shown, the great majority of the patients admitted to this Institution in the earlier period of its existence suffered from mania, and very few from melancholia.

I am fortunately enabled to report that another No Accident. year has passed without serious accidents, although the structural alterations in parts of the building occupied by excitable and dangerous patients were a constant source of anxiety.

The Register of Restraint and Seclusion shows Restraint. entries referring to two patients under surgical treatment.

Three escapes are recorded. One left the Escapes. house at Elie to visit his sister without permission, one found a window in the process of construction unguarded and made his way to friends in Perth, and one scaled the boundary wall, while out for exercise, closely followed by his attendant. It is noteworthy that during the past twenty years only four patients have gone away from the various seaside houses which have been occupied by us, two of them desirous of returning here, and two desirous of visiting relatives at no great distance.



General Health.

Influenza.

The general health of the establishment has been very good, except when it was visited by a severe epidemic of influenza which was prevalent all over the country last winter. This scourge of humanity has not diminished in virulence as was hoped. In January and February of 1890 we had 15 cases out of a total population of 154, with 1 death. In December, 1891, there were 55 cases out of 191, with 4 deaths. On this occasion (1891) the patients suffered more severely than the staff, in this respect different from the previous epidemic. In the Spring and Autumn of 1893 there were several mild cases. In 1895, 22 patients and 11 officials were slightly affected. In 1897 influenza recurred to a limited extent. In 1898 the disease was prevalent in Perth but this Institution escaped. In 1899 several cases were noted in Spring. In the present year there were 70 marked cases and 7 doubtful cases. These were not confined to any special part of the Institution. The epidemic first began in the male division, consequent on the admission of a patient who had presented obscure symptoms before coming here, and who died within a few days. It spread to the female division and Kincarrathie, and persisted for six weeks, with the result that 46 patients (12 male and 34 female) and 24 officials (10 male and 14 female) were attacked. While the epidemic severely taxed the nursing staff and seriously affected elderly persons, the mortality was confined to 4 cases—1 doubtfully or remotely, and 3 old ladies aged respectively 76, 87, and 92 years of age. One of these was first admitted to this Asylum in 1836, and had been continuously resident here since 1849. The after effects were as usual evident in the loss of body



weight of many patients, several of whom are still enfeebled.

The occupations and amusements of the patients have been chronicled in *Excelsior* as usual. It is difficult to add to the number and kind of useful occupations which have been kept going with some difficulty, owing to the decreasing number of those who can be induced to take part. We have to acknowledge the kindly aid of many ladies and gentlemen in the winter, when indoor amusements are most in vogue. Our thanks are specially due to Mr. Graves' Company for their performance of "H.M.S. Pinafore," Mrs. Farquhar, Mr. Bryson, and the Primrose League Dramatic Club. The usual dances and drawing-room parties have been continued, and such events as the Patients' Concert and the Children's Christmas Tree are firmly fixed in the routine of Amusements here. Picnics and Excursions have been increased by the number of cyclists who have been so enthusiastic as to require accommodation for the many machines which are scattered about the Institution.

Occupations and  
Amusements.

Twenty-seven patients were at Elie last summer, and I am glad to be able to report that the house there continues to be appreciated by those for whom it was intended.

It is a note of some interest to those who are desirous of obtaining a good supply of green vegetables in the earlier months of the year, especially in such late springtimes as we have recently experienced, that the gardener reports that purple broccoli, autumn sown spinach, German lettuce, and asparagus have been plentiful and good. For



many of our patients an abundant supply of this kind of food is of the first importance, and we have now obtained space to store fruits and roots in proportion to our requirements.

General  
Management.

The general management of the Institution has been continued on familiar lines. The larger number of patients has caused a considerable extra expenditure on furnishings and fittings, which is much further augmented by the renovation of galleries M<sub>3</sub> and F<sub>3</sub>. The former is completed and the latter is in an advanced state at the time of presenting this report. With the advice of Mr. Murray Robertson, these galleries have been so altered and improved as to be entirely adequate for our purpose; and this work completes the modernising of the south block which was begun nearly a quarter-of-a-century ago. Various unavoidable difficulties stood in the way of realising Dr. Lauder Lindsay's ideas in this respect, for the necessities of modern treatment lie in many diverse directions, and can only be met piecemeal in the circumstances of such an Hospital as this. One cannot but feel that those who designed Murray's Asylum, nearly eighty years ago, were far in advance of the time, and that they left opportunities for development in directions then unrealized.

Alterations and  
Improvements.

The more important alterations and improvements have been charged as follows:—

1. Storerooms, &c., built, - - -	£66	16	5
2. Galleries M <sub>3</sub> and F <sub>3</sub> , - - -	669	16	3
3. West Lodge at Kincarrathie, - - -	40	17	9
4. Renewal of Locks, - - -	65	9	1
	<hr/>		
	£842	19	6



Besides these more costly improvements, a new steam mangle has been procured for the laundry and fitted with reversing gear, the hydro-extractor has been modernised, and the foul linen washing machine has been reconstructed. The fruit-house has also been enlarged to make way for the medical baths to be placed in M6. Fireplaces have been constructed in the corridor-bay of each gallery in the south block, and extensive repairs and modifications of the steam heating have been executed. Much papering and painting has been done, and a servants' hall has been fitted up for the kitchen staff. These alterations, which simultaneously called for attention, represent much work and a large expenditure during the year.

The changes in the Nursing Staff have been The Staff few compared with the general average, and would have been fewer but for those called away to the South African War. Six Attendants resigned, but one has since returned to duty here, and one is likely to return. One Nurse resigned to go to another Asylum, one to enter on general hospital training, two to enter on private nursing, and one on account of unsatisfactory notions of duty.

With this last exception, it is most pleasing to have to report that none were discharged, and that another year has passed without a single reasonable complaint as to the conduct of the Nursing Staff. The training afforded by the Institution has the effect of causing certain changes, especially amongst the Nurses, in the direction of utilising the professional skill so acquired in the duties of private nursing, or in going on to complete professional educa-



tion in general hospitals where medical and surgical cases are received. This movement is not to be deprecated, but it is to be hoped that some of the Nurses at least will return to Asylum life and gain further promotion in course of time as qualified both to nurse and to teach. I believe that I am fully justified in reporting that the Staff generally are deeply appreciative of the many improvements introduced here of late years, and that the service is more adequate than it has ever been in the past. There are, of course, deficiencies which still call for remedy, especially the want of houses in the immediate neighbourhood for the married men. In the male division these constitute a trustworthy body of Attendants, several of whom have been in the service for many years.

At the examinations held in November we had the advantage of Dr. Bruce's kind aid, and the following Nurses gained the certificate of proficiency in Mental Nursing :—Nurses M'Intosh, Robertson, and Chambers. Their success was in great measure due to Dr. M'Grigor, who was most energetic in teaching and practical training, as well as in the more immediate duties of his office.

Dr. H. J. M'Grigor having resigned to enter the Indian Army, Dr. J. M. S. Wood has been appointed Assistant Medical Officer. I record with deep regret the death of Mr. Allen Johnstone at Bloemfontein. During his period of residence here as Clinical Assistant last summer, he won the respect and esteem of all with whom he was brought into contact.

By the death of Attendant David Robertson



the Institution was deprived of one of its most faithful servants. The value of his long-continued work amongst the insane was well appreciated by those who knew him, and due recognition of his worth has been already recorded by the Directors.

I would also desire to again make mention of the late Mr. Andrew Coates, whose upright life and kindly care for every charitable institution in this neighbourhood has been the theme of many grateful acknowledgments. It is difficult to write of him in measured terms. On the loss of such a friend one can only recall that he went about doing good.

The late  
Mr. Coates.

At the close of this year we shall stand on the threshold of another century, and it will soon be a hundred years since Mr. James Murray constituted the Trust upon which this Asylum was erected. The turmoil of that time still echoes throughout the world, but, wonderful as the developments of the scientific age have been, there is promise of still further advance in the near future. Those who are more intimately concerned with the care of the insane entertain, in regard to their special work, no such captivating premonitions as Professor Nikola Tesla's in regard to the possible transmission of electricity from ocean to ocean, and even from planet to planet. While medical observation and surgical skill have already brought hope and healing to many who, but a few years ago, would have been considered incurable, it must be admitted that we have only touched the fringe of the question. Although we here may claim to have been lately

Resumé.



instrumental in restoring one patient to sound mind by surgical methods, it must be sorrowfully confessed that the condition of the great majority of those submitted to treatment is irreparable. Asylums are being enlarged, are being built, and are being filled as if these aggregations of the insane were to go on indefinitely. Some are sanguine enough to believe that the calamity of mental diseases has reached its maximum incidence. However that may be, there remains the fact that for the greater number of the insane there is no cure. It is no reproach to medicine that hopes of recovery for them are futile. The remedy must be found in prevention. It is too late to lock the door when the steed is stolen. Hector Boece describes the Draconian methods of ancient Scotland for the prevention of the procreation of the unfit—those troubled with the falling evil, or leprosy, or fallen frantic. These methods offend us in their crude directness of application ; but, nevertheless, it is towards prevention rather than cure that the nation must turn. Hereditary defect is the first cause of the great mass of insanity, and faulty environment, wrong methods of education, and the wear and tear of modern conditions of life complete the ruin. Mere legislative enactments, unsupported by a wider knowledge and a higher civilization, will fail to attain the results desired, and can only but slightly mitigate the evils now deplored. As the nineteenth century has raised hopes of better things to come, so may the twentieth century see their fruition.

A. R. URQUHART.



*Names of Attendants and Nurses who have gained the  
Certificate of the Medico-Psychological Association—*

1891 JAMES SMITH. <sup>8</sup>	1897 ANNE DARLINGTON. <sup>4</sup>
ROBERT KNIGHT. <sup>1</sup>	BARBARA CRUICKSHANK. <sup>3</sup>
WM. D. PENNYCOOK. <sup>9</sup>	HARRIET TAYLOR. <sup>6</sup>
ISABELLA SCOTT. <sup>1</sup>	1898 JAMES CAIRNS. <sup>2</sup>
ALICE MARY JAMIESON. <sup>7</sup>	1899 DAVID DUNCAN. <sup>1</sup>
1894 JOHN BROWN. <sup>7</sup>	JOHN M'LAGAN. <sup>1</sup>
HELEN CRAIG. <sup>3</sup>	ALEXR. W. THORNLEY. <sup>1</sup>
JEAN ANNE GLEGG. <sup>5</sup>	CAROLINE FLETCHER. <sup>4</sup>
1896 ANNE LOW. <sup>2</sup>	CHRISTIAN B. LUMSDEN. <sup>2</sup>
JANE E. GOULBOURN. <sup>3</sup>	MARY MORISON. <sup>2</sup>
BARBARA PIRIE. <sup>1</sup>	LOUISA CHAMBERS. <sup>4</sup>
NELLIE G. SMITH. <sup>7</sup>	MARY MACKINTOSH. <sup>4</sup>
ANNIE M. URQUHART. <sup>7</sup>	NELLIE ROBERTSON. <sup>1</sup>
1900 HELEN J. PITILLO. <sup>1</sup>	

<sup>1</sup>Remains in this service.    <sup>2</sup>Private Nursing.    <sup>3</sup>Married.    <sup>4</sup>General  
Hospital Nursing.    <sup>5</sup>Matron, Swift's Hospital.    <sup>6</sup>Chief Nurse,  
Aberdeen Royal Asylum.    <sup>7</sup>Otherwise engaged.    <sup>8</sup>Head  
Attendant, Gartloch Asylum.    <sup>9</sup>Army Reservist.

*Names of those who have gained the Morison Medal for  
meritorious attendance on the Insane—*

ADAM SMITH.	DAVID ROBERTSON.
JAMES GOWANLOCK.	DUNCAN MENZIES.
THOMAS WHYTE.	JANE LAWRENCE.



# TABLE

Showing Changes in the Population of the Asylum during the Year ending 31st March, 1900.

						Certificated		Voluntary.		TOTAL.
						M.	F.	M.	F.	
1st April, 1899.	{	Resident in the Asylum, ... ..				61	51	3	3	118
		Remaining on Pass, ... ..				2	...	...	...	2
		Remaining at Elie, ... ..				...	...	...	...	...
		Remaining at Kincarrathie, ... ..				5	5	0	1	11
		Total number on Asylum Books, ... ..				68	56	3	4	131
						Certificated		Voluntary.		TOTAL.
						M.	F.	M.	F.	
Cases Admitted—										
First Admissions, ...						22	10	4	1	37
Not First Admissions, ...						5	2	4	0	11
Total Cases admitted during the year, ... ..						27	12	8	1	48
Total Cases under care during the year, ... ..						95	68	11	5	179
						Certificated		Voluntary.		TOTAL.
						M.	F.	M.	F.	
Cases discharged and died—										
Recovered, ... ..						7	2	3	1	13
Relieved, ... ..						11	5	0	1	17
Not Improved, ... ..						3	2	2	0	7
Died, ... ..						6	5	0	0	11
Total Cases Discharged and Died during the year, ... ..						27	14	5	2	48
31st March, 1900.	{	Total number on Asylum Books, ... ..				68	54	6	3	131
		Remaining on Pass, ... ..				...	...	...	...	...
		Remaining at Elie, ... ..				...	...	...	...	...
		Remaining at Kincarrathie, ... ..				2	6	0	0	8
		Resident in the Asylum, ... ..				66	48	6	3	123

Officers, 5; Attendants, 18; Nurses, 18; Artisans, 17; Servants, 14.

	Certificated.		Voluntary.		TOTAL.
	M.	F.	M.	F.	
Average numbers on Books during the year, ...	66.74	53.07	4.84	3.07	127.72
Lowest number resident, 30th April, 1899, ...	62	54	4	3	123
Highest number resident, 6th January, 1900, ...	70	54	6	3	133
Persons under care during the year, ...	94	68	9	5	176
Persons admitted during the year, ...	26	12	6	1	45
Persons discharged recovered during the year, ...	7	2	3	1	13
Transferred from other Asylums, ...	1	1	0	0	2
Transferred to other Asylums, ...	5	2	0	0	7
Percentage of Recoveries on Admissions, ...	25.92	16.66	37.5	100	27.08
Percentage of Deaths on average numbers resident, ...	8.99	9.42	0	0	8.63

# REPORTS

OF THE

## COMMISSIONERS IN LUNACY

FOR THE YEAR.

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REPORT BY DR. JOHN MACPHERSON.

JAMES MURRAY'S ROYAL ASYLUM,  
*Perth, 14th November, 1899.*

THERE are 129 patients on the Registers of the Asylum at this date. Of that number, 68 gentlemen and 52 ladies are certificated patients, and 6 gentlemen and 3 ladies are voluntary patients. All the patients were resident during the visit, and were individually seen, except 2 gentlemen who are absent on pass and on statutory probation respectively.

Since the date of last visit the following changes have taken place in the population of the Asylum :—

	M.	F.	Totals.
Certificated Patients—			
Admitted, - - -	17	5	22
Discharged recovered, -	2	1	3
Discharged unrecovered, -	6	4	10
Died, - - - -	5	2	7
Voluntary Patients—			
Admitted, - - -	4	0	4
Left, - - - -	2	0	2

The 7 deaths are registered as due to diabetes in 2 cases, to phthisis in 2 cases, and to general



paralysis, empyema, and epilepsy in 1 case each. *Post-mortem* examinations were made in 4 instances.

The total number of patients on parole is 46 ; of these 29 are restricted to the grounds of the Institution, while 17—9 gentlemen and 8 ladies—enjoy the privilege of going beyond the Asylum boundaries.

There are 16 entries in the Register of Restraint and Seclusion, referring to the restraint of 1 person to prevent the removal of surgical dressings.

Ninety-five patients (73 per cent. of the inmates) are daily employed in some useful occupation.

Twenty-five attendants and servants have been engaged, 20 have resigned, and 1 has been dismissed. The staff of nurses and attendants is large, being in the proportion of about 1 to every 3 patients. Many of the female nurses, in addition to being trained and certificated in the care of the insane, are sent to hospitals to be trained as general nurses. Dr. Urquhart also proposes to place each of these trained nurses, in rotation, in charge of the Asylum kitchen, so that they may have an opportunity of acquiring a knowledge of cookery, and of the details of an important branch of Asylum administration.

Every section of the Institution was found in excellent order. The various rooms occupied by patients in the main Asylum are pleasantly decorated and comfortably furnished, and the heating and ventilation of the building was good throughout. In Kincarrathie, where the accommodation is of a distinctly superior kind, the



patients are surrounded with all the comforts of a modern and well-appointed house.

The patients, at the time of the visit, were, with the exception of one or two very acute cases, free from excitement and generally contented. None of them made any complaint regarding their care or treatment. Five gentlemen complained of unnecessary detention, but after listening to their statements and enquiring into their history and present mental condition it was apparent that there was no ground for interfering at present with the continued detention of any of them.

Owing to the increasing number of gentlemen patients, the male side of the Institution has become so full that the Directors have found it necessary to acquire, temporarily, a cottage in the neighbourhood of the Asylum capable of comfortably accommodating 4 patients.

The Books and Registers were examined and were found regularly and correctly kept. The Case Books, especially, attracted attention as containing a full record of the various cases, completely written up to the date of the visit.

JOHN MACPHERSON,  
*Commissioner in Lunacy.*

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#### REPORT BY DR. JOHN FRASER.

JAMES MURRAY'S ROYAL ASYLUM,  
*Perth, 4th June, 1900.*

THERE are at this date 130 patients on the Registers of the Asylum, Of these, 67 gentlemen and 53 ladies are certificated patients, and 7



gentlemen and 3 ladies are voluntary inmates. Five ladies at present reside at the seaside villa at Elie, 68 gentlemen and 49 ladies are resident in the main Asylum, 3 gentlemen and 2 ladies in Kincarrathie, and 3 gentlemen in a cottage in the immediate vicinity of the Institution. All, with the exception of the 5 ladies at Elie, were seen and interviewed during the course of the visit.

The following changes have taken place since 14th November, 1899, the date of last report :—

	M.	F.	Totals.
I. Certificated Patients—			
Admitted, - - -	13	9	22
Discharged recovered,	5	1	6
Discharged unrecovered, -	8	4	12
Died, - - -	1	3	4
II. Voluntary Inmates—			
Admitted, - - -	4	1	5
Left, - - -	3	1	4

All the deaths were due to influenza ; in 2 cases it was complicated with inflammatory lung affections, and in 1 case with acute mania. *Post-mortem* examinations were made in 3 cases.

The Register of Restraint and Seclusion contains 64 entries, referring to the use of restraint in the form of locked gloves to prevent the removal of dressings in the case of a patient suffering from severe and extensive eczema. Two accidents are recorded—1 was slight in character, and the other involved fracture of the humerus, due to a struggle with the attendants when violently excited. No blame was attached to those in charge of the patient. There has been no escape.

The following changes have occurred in the staff :—10 attendants and 15 servants have re-



signed, 1 male attendant has died, and 1 female servant has absconded. The duration of service among the nurses and attendants is as follows:— 2 have completed 25 years in the service of the Asylum, 1 over 20 years, 2 over 10 years, 1 over 5 years, 7 over 2 years, 9 over 1 year, and 16 have been under 1 year. A novel feature in Asylum administration has been introduced by Dr. Urquhart. It consists in placing the staff-nurses in charge of the kitchen in rotation, and so far the results have been very satisfactory. The work in the kitchen is being better and more promptly done, the service of the food is neater, discipline among the kitchen servants is being better maintained, and the cook's attention to her work is not distracted. This arrangement also trains the staff-nurses in household management, and permits the Matron to devote more of her time to her duties in the wards.

The patients bore every evidence of being kindly and efficiently cared for. The records in the Case Books show that the nature of each patient's mental condition is studied with completeness, and that the medical treatment is of a high standard. The general requirements of the inmates are liberally met, and it was apparent that everything possible is done to promote their happiness, contentment, and physical well-being. Parole outside the grounds is enjoyed by 9 gentlemen and 7 ladies, and 18 gentlemen and 11 ladies are on parole within the grounds. During the year from 20 to 30 patients are sent in parties of 5 to the seaside villa at Elie, and reside there for several weeks. This change of scene and air must be beneficial in many ways.



All sections of the Institution were found in admirable order. The gallery on the basement floor in the male division has been completely reconstructed, and its lighting made satisfactory by means of a large oriel window at the end, and by two smaller ones at the side. It has been comfortably furnished and most tastefully decorated. A similar reconstruction is in progress of the corresponding gallery in the ladies' division.

The Institution continues to be managed by Dr. Urquhart in an able and successful manner. It is prospering in all directions. Its accommodation is fully taxed, especially on the male side. It is understood that the Directors and Dr. Urquhart are considering in what manner additional accommodation can be best provided.

The Registers were examined and found regularly and correctly kept.

JOHN FRASER,

*Commissioner in Lunacy.*



1899.

STATISTICAL TABLES OF THE MEDICO-  
PSYCHOLOGICAL ASSOCIATION.

PREPARED BY DR. H. J. MCGRIGOR.

*(These Tables do not include Voluntary Patients).*



TABLE 1

Showing the Admissions, Re-Admissions, Discharges, and Deaths during the Year ending 31st December, 1899

	M.	F.	T.	M.	F.	T.
In the Asylum, 1st January, 1899, ...				63	56	119
Cases Admitted—						
First Admissions, ... ..	23	10	33			
Not First Admissions, ... ..	6	0	6			
Total Cases Admitted, ... ..				29	10	39
Total Cases under care during the year,				92	66	158
Cases Discharged and Died—						
Recovered, ... ..	5	3	8			
Relieved, ... ..	9	6	15			
Not Improved, ... ..	1	2	3			
Died, ... ..	7	3	10			
Total Cases Discharged and Died, ...				22	14	36
Remaining in the Asylum, 31st December, 1899, ... ..				70	52	122
Average resident during the year, ... ..				66·89	53·22	120·12
Persons* under care during the year,†				92	66	158
Persons admitted ,, ... ..				29	10	39
Persons recovered ,, ... ..				5	3	8
Transferred‡ to this Asylum, ... ..				4	1	5
Transferred from this Asylum, ... ..				5	2	7

\* Persons, *i.e.*, separate persons, in contradistinction to "cases," which may include the same individual more than once.

† Total cases, minus re-admissions of patients discharged during the current year.

‡ Patients transferred from one Asylum to another, even when re-certified, are to be regarded as transfers.

**TABLE 1a**

Showing (1) the Previous Attacks among Persons admitted during 1899, and (2) the Number of Times they had previously Recovered in this or any Asylum

(1) Number of Previous Attacks	Persons		
	Male	Female	Total
Have had One Attack, ... ..	6	2	8
„ Two Attacks, ... ..	2	0	2
„ Three or more Attacks, ... ..	3	0	3

(2) Number of Times Patients Recovered	In this Asylum			In any Asylum		
	M.	F.	T.	M.	F.	T.
Once, ... ..	1	0	1	1	0	1
Twice, ... ..	1	0	1	...	...	...
Thrice or more, ... ..	2	0	2	...	...	...



TABLE 2

Showing the Admissions, Re-admissions, Discharges, and Deaths for the Thirty-Five Years from the 1st of January, 1865, to the 31st December, 1899

	M.	F.	T.	M.	F.	T.
Number resident, January 1st, 1865, ...				37	34	71
Persons Admitted during the period of 35 years,	418	388	806			
Re-admissions, ...	80	95	175			
Total Cases Admitted, ...				498	483	981
Total Cases under care during the 35 years, ...				535	517	1052
Cases Discharged and Died—						
Recovered, ...	152	179	331			
Relieved, ...	146	139	285			
Not Improved, ...	64	69	133			
Died, ...	103	78	181			
Total Cases Discharged and Died, ...				465	465	930
Remaining 31st December, 1899, ...				70	52	122
	M.	F.	T.			
Average resident during the 35 years, ...	44.66	44.85	86.06			
Transferred to this Asylum, ...	68	55	123			
Transferred from this Asylum, ...	101	84	185			

TABLE 2a

Showing the Admissions and Recoveries of Persons\* from 1st January, 1865, to 31st December, 1899 (a period of Thirty-Five Years)

History of Recoveries of Persons				The same, only omitting all Persons transferred from other Asylums		
	M.	F.	T.	M.	F.	T.
Persons Admitted during 35 years, ... ..	420	390	810	381	364	745
Of whom were Discharged Recovered during the same period, being 34·19 per cent. of Persons Admitted, ... ..	132	145	277	125 (per cent.	139 35·43)	264
Of whom were Re-admitted Relapsed,† ...	25	37	62	23	34	57
Leaving Recovered Persons who have not Relapsed, ... ..	107	103	215	102	105	207
Relapsed Persons Discharged Recovered,‡ ...	22	21	43	22	21	43
Net Recovered Persons, § being 31·85 per cent. of Persons Admitted, ... ..	129	129	258	124 (per cent.	126 33·55)	250

\* Persons, *i.e.*, separate persons, in contradistinction to "cases," which may include the same individual more than once.

*Re-admission* applies only to re-admission into this Asylum.

† *i.e.*, Persons who have relapsed one or more times.

‡ *i.e.*, After last re-admission, if relapsed more than once.

§ *i.e.*, Recovered persons sane at the present time so far as the Asylum statistics show.



**TABLE 3:—**Showing the Admissions, Discharges, and Deaths, per cent. of the Admissions, for each Year since

Year	Admitted			DISCHARGED									Died		
				Recovered			Relieved			Not Improved					
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1827-1864	722	746	1468	262	361	623	97	114	211	158	129	287	168	108	276
1865.....	13	9	22	4	3	7	5	2	7	2	7	9	1	0	1
1866.....	12	6	18	4	6	10	5	4	9	2	1	3	2	2	4
1867.....	15	7	22	3	3	6	5	2	7	0	0	0	5	1	6
1868.....	12	14	26	4	3	7	2	0	2	1	2	3	1	3	4
1869.....	22	18	40	4	4	8	7	2	9	2	2	4	3	0	3
1870.....	10	17	27	5	4	9	2	3	5	4	7	11	2	4	6
1871.....	9	25	34	3	6	9	4	6	10	4	4	8	2	6	8
1872.....	13	9	22	4	4	8	2	1	3	3	4	7	1	2	3
1873.....	8	9	17	3	3	6	2	3	5	5	5	10	2	2	4
1874.....	6	13	19	3	2	5	3	6	9	2	2	4	2	3	5
1875.....	5	8	13	2	3	5	1	2	3	1	0	1	4	3	7
1876.....	10	7	17	2	5	7	0	1	1	0	3	3	3	3	6
1877.....	8	6	14	2	0	2	5	3	8	5	1	6	0	0	0
1878.....	2	7	9	1	6	7	1	2	3	2	2	4	1	0	1
1879.....	9	10	19	2	2	4	0	1	1	1	0	1	2	2	4
1880.....	10	16	26	2	6	8	2	1	3	0	0	0	4	1	5
1881.....	10	7	17	5	5	10	2	7	9	1	0	1	3	1	4
1882.....	6	10	16	1	0	1	3	4	7	2	3	5	4	1	5
1883.....	21	14	35	6	8	14	2	2	4	2	3	5	2	2	4
1884.....	11	18	29	3	5	8	4	3	7	3	1	4	2	5	7
1885.....	14	16	30	2	4	6	5	6	11	1	4	5	2	1	3
1886.....	19	15	34	9	5	14	9	6	15	3	1	4	1	1	2
1887.....	18	28	46	7	11	18	3	10	13	0	4	4	2	1	3
1888.....	17	19	36	5	7	12	6	7	13	0	2	2	1	2	3
1889.....	12	12	24	3	7	10	6	9	15	0	0	0	6	2	8
1890.....	16	19	35	2	6	8	7	2	9	3	0	3	4	3	7
1891.....	16	18	34	6	8	14	7	4	11	1	1	2	6	5	11
1892.....	18	14	32	2	7	9	3	4	7	4	1	5	4	5	9
1893.....	20	14	34	12	7	19	6	4	10	1	0	1	3	3	6
1894.....	21	14	35	7	5	12	3	5	8	2	0	2	7	2	9
1895.....	19	20	39	6	8	14	5	7	12	1	2	3	2	1	3
1896.....	23	17	40	10	6	16	6	7	13	3	3	6	3	3	6
1897.....	22	18	40	9	10	19	3	3	6	1	2	3	4	3	7
1898.....	22	19	41	4	7	11	11	4	15	1	0	1	5	2	7
1899.....	29	10	39	5	3	8	9	6	15	1	2	3	7	3	10
For 35 yrs.	498	483	981	152	179	331	146	139	285	64	69	133	103	78	181
Gen. Totals	1220	1229	2449	414	540	954	243	253	496	222	198	420	271	186	457



with the mean Annual Mortality and Proportion of Recoveries  
the opening of the Asylum, 30th of June, 1827

Remaining 31st December in each year			Average Number Resident			Percentage of Recoveries on Admissions			Percentage of Deaths on Average Number Resident		
M. 37	F. 34	T. 71	M. 73·13	F. 62·30	T. 135·4	M. 36·28	F. 48·39	T. 42·43	M. 5·66	F. 4·36	T. 5·05
38	31	69	39·60	34·00	73·60	30·77	33·33	31·82	3·21	...	1·36
37	21	61	37·09	24·80	61·89	33·33	100·00	55·55	5·39	8·02	6·46
39	25	64	39·67	25·46	65·13	20·00	42·85	27·27	12·60	3·92	9·21
43	31	74	38·08	30·09	68·17	38·46	15·38	26·92	2·62	9·97	5·87
49	41	90	45·77	40·56	86·33	18·18	22·22	20·00	6·55	...	3·47
46	40	86	48·54	41·75	90·29	50·00	23·53	33·33	4·12	9·58	6·64
42	43	85	45·65	41·87	87·52	33·33	24·00	26·47	4·38	14·27	9·13
45	41	86	42·92	41·10	84·02	30·77	44·44	36·36	2·32	4·86	3·57
41	38	79	42·70	40·64	83·34	37·50	33·33	35·29	4·68	4·92	4·79
37	37	74	37·39	41·23	78·62	50·00	15·38	26·31	5·35	7·27	6·35
34	37	71	36·36	34·19	70·55	40·00	37·50	38·46	11·00	8·77	9·92
39	32	71	36·87	37·16	74·03	20·00	71·42	41·17	8·14	8·10	8·10
35	34	69	36·83	34·41	71·24	25·00	...	14·28	...	...	...
32	31	63	33·18	35·74	68·92	50·00	85·71	77·77	3·01	...	1·45
36	36	72	34·13	33·79	67·72	22·22	30·00	26·31	5·83	5·92	5·88
38	44	82	37·80	38·93	76·73	20·00	37·50	30·76	15·82	2·56	6·43
37	38	75	38·12	40·58	78·70	50·00	71·42	58·82	7·87	2·46	6·43
33	40	73	31·58	40·95	72·53	16·66	...	6·25	12·60	2·44	6·89
42	39	81	38·24	42·00	80·24	28·57	57·14	40·00	5·20	4·76	4·99
41	43	84	41·88	40·57	82·45	27·25	27·77	27·58	4·75	12·07	8·48
45	44	89	44·18	44·93	89·11	14·28	25·00	20·00	4·52	2·44	3·37
42	46	88	44·70	44·73	89·43	47·32	33·33	41·17	2·23	2·23	2·23
48	48	96	44·45	50·00	94·45	38·88	39·28	39·13	4·49	2·00	3·17
53	49	102	49·15	47·52	96·67	29·41	36·84	33·33	2·03	4·20	3·10
50	43	93	51·43	45·55	96·98	25·00	58·33	41·66	11·08	4·40	8·24
50	51	101	49·28	45·76	95·04	12·50	31·58	22·85	8·11	6·55	7·36
46	51	97	49·59	50·24	99·83	37·50	44·44	41·18	13·04	9·80	11·34
51	48	99	48·09	52·44	100·53	11·11	50·00	28·12	8·31	9·53	8·95
49	48	97	46·78	48·16	94·94	60·00	50·00	55·90	6·41	6·22	6·31
51	50	101	51·11	49·60	100·71	33·30	35·71	34·28	13·69	4·03	8·93
56	52	108	53·54	51·70	102·25	31·60	40·00	35·90	3·73	1·93	2·93
57	50	107	55·47	50·27	105·74	43·47	30·70	40·00	5·40	5·96	5·67
62	50	112	60·24	50·23	110·47	40·90	55·55	47·50	6·64	5·97	6·33
63	56	119	72·07	52·23	125·28	18·18	36·82	27·80	6·93	3·82	5·68
70	52	122	66·89	53·23	120·12	17·24	33·33	20·51	10·46	5·63	8·32
Average or Percentage			44·66	44·85	86·06	30·52	37·06	33·74	6·56	5·28	5·93
			59·37	52·52	111·89	33·03	43·94	38·95	6·33	4·91	5·67



**TABLE 4:—**Showing the History of the Annual Admissions  
the Numbers of each Year remaining on the

Admitted						Of each Year's Admissions Discharged and Died in 1899.											
Year	First Time		Not First Time		Tot.	Recovered			Relieved			Not Improved			Died		
	M.	F.	M.	F.		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1827 to 1864	625	601	97	145	1468	...	...	...	...	...	...	...	...	...	0	1	1
1865	9	9	4	0	22	...	...	...	...	...	...	...	...	...	...	...	...
1866	11	3	1	3	18	...	...	...	...	...	...	...	...	...	...	...	...
1867	12	6	3	1	22	...	...	...	...	...	...	...	...	...	...	...	...
1868	10	11	2	3	26	...	...	...	...	...	...	...	...	...	...	...	...
1869	19	15	3	3	40	...	...	...	...	...	...	...	...	...	...	...	...
1870	7	12	3	5	27	...	...	...	...	...	...	...	...	...	...	...	...
1871	8	22	1	3	34	...	...	...	...	...	...	...	...	...	...	...	...
1872	12	7	1	2	22	...	...	...	...	...	...	...	...	...	...	...	...
1873	5	7	3	2	17	...	...	...	...	...	...	...	...	...	...	...	...
1874	5	9	1	4	19	...	...	...	...	...	...	...	...	...	...	...	...
1875	3	7	2	1	13	...	...	...	...	...	...	...	...	...	...	...	...
1876	10	5	0	2	17	...	...	...	...	...	...	...	...	...	...	...	...
1877	7	6	1	0	14	...	...	...	...	...	...	...	...	...	...	...	...
1878	2	6	0	1	9	...	...	...	...	...	...	...	...	...	...	...	...
1879	9	9	0	1	19	...	...	...	...	...	...	...	...	...	...	...	...
1880	9	15	1	1	26	...	...	...	...	...	...	...	...	...	...	...	...
1881	9	5	1	2	17	...	...	...	...	...	...	...	...	...	...	...	...
1882	6	9	0	1	16	...	...	...	...	...	...	...	...	...	...	...	...
1883	20	11	1	3	35	...	...	...	...	...	...	...	...	...	1	0	1
1884	9	14	2	4	29	...	...	...	...	...	...	...	...	...	...	...	...
1885	12	11	2	5	30	...	...	...	...	...	...	...	...	...	...	...	...
1886	17	13	2	2	34	...	...	...	...	...	...	...	...	...	...	...	...
1887	14	22	4	6	46	...	...	...	...	...	...	...	...	...	...	...	...
1888	12	11	5	8	36	...	...	...	...	...	...	...	...	...	...	...	...
1889	12	10	0	2	24	...	...	...	...	...	...	...	...	...	...	...	...
1890	13	15	3	4	35	...	...	0	1	1	...	...	...	...	...	...	...
1891	13	14	3	4	34	...	...	...	...	...	...	...	...	...	...	...	...
1892	13	13	5	1	32	...	...	...	...	...	...	...	...	...	...	...	...
1893	18	11	2	3	34	...	...	...	...	...	...	...	...	...	...	...	...
1894	17	9	4	5	35	...	...	...	...	...	...	...	...	...	...	...	...
1895	15	12	4	8	39	...	...	...	...	...	...	...	...	...	...	...	...
1896	15	16	8	1	40	...	...	1	0	1	...	...	...	...	...	...	...
1897	22	17	0	1	40	...	...	1	1	2	0	1	1	1	3	0	3
1898	20	16	2	3	41	1	3	4	3	2	5	1	1	2	...	...	...
1899	23	10	6	0	39	4	0	4	4	2	6	...	...	...	3	2	5
Tot. for 35 Years	418	388	80	95	981	5	3	8	9	6	15	1	2	3	7	2	9
General Totals,	1040	989	180	240	2449	5	3	8	9	6	15	1	2	3	7	3	10

since 30th June, 1827, with the Discharges and Deaths and  
31st December of the Year reported on

Total Discharged and Died of each Year's Admissions to 31st December, 1899												Remaining on 31st December, 1899		
Recovered			Relieved			Not Improved			Died			M.	F.	T.
M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.			
261	368	629	106	115	221	167	140	307	185	122	307	3	1	4
5	4	9	5	4	9	1	1	2	2	0	2	0	0	0
3	3	6	5	1	6	0	1	1	4	1	5	0	0	0
5	1	6	3	4	7	3	2	5	3	0	3	1	0	1
5	4	9	4	2	6	1	4	5	2	4	6	0	0	0
5	3	8	8	6	14	4	5	9	3	4	7	2	0	2
2	8	10	3	1	4	2	3	5	3	2	5	0	3	3
4	6	10	1	6	7	3	6	9	1	7	8	0	0	0
4	3	7	3	3	6	2	1	3	3	2	5	1	0	1
2	3	5	2	3	5	3	3	6	1	0	1	0	0	0
3	4	7	1	5	6	0	1	1	2	3	5	0	0	0
1	1	2	3	3	6	1	2	3	0	2	2	0	0	0
3	3	6	4	1	5	1	1	2	2	2	4	0	0	0
2	1	3	1	3	4	4	2	6	1	0	1	0	0	0
1	4	5	0	2	2	0	1	1	1	0	1	0	0	0
1	6	7	2	1	3	2	1	3	2	1	3	2	1	3
3	4	7	3	8	11	1	1	2	3	3	6	0	0	0
5	3	8	1	2	3	3	2	5	1	0	1	0	0	0
2	2	4	2	4	6	0	1	1	1	2	3	1	1	2
4	6	10	7	1	8	3	1	4	5	6	11	2	0	2
3	5	8	3	6	9	2	3	5	3	4	7	0	0	0
6	6	12	5	6	11	1	0	1	1	1	2	1	3	4
9	5	14	8	7	15	0	2	2	1	0	1	1	1	2
6	10	16	3	10	13	2	2	4	2	1	3	5	5	10
5	8	13	6	9	15	0	1	1	4	1	5	2	0	2
2	4	6	7	4	11	0	0	0	2	3	5	1	1	2
3	9	12	4	4	8	2	0	2	4	4	8	3	2	5
4	10	14	7	5	12	3	1	4	1	0	1	1	2	3
10	6	16	5	6	11	1	1	2	1	1	2	1	0	1
5	5	10	3	3	6	1	1	2	9	1	10	2	4	6
9	7	16	4	3	7	2	2	4	2	2	4	4	0	4
7	9	16	3	4	7	0	1	1	3	2	5	6	4	10
10	5	15	5	2	7	3	2	5	3	1	4	2	7	9
7	4	11	5	4	9	3	2	5	5	2	7	2	6	8
3	10	13	7	3	10	1	1	2	2	0	2	9	5	14
4	0	4	4	2	6	...	...	...	3	2	5	18	6	24
153	172	325	137	138	275	55	58	113	86	64	150	70	52	122
414	540	954	243	253	496	222	198	420	271	186	457	70	52	122



TABLE 4 (contd.)

Summary of Total Admissions							Male	Female	Total
Percentage of Cases Recovered,	...	...	...	...	...	...	33'94	43'94	38'95
„ „ Relieved,	...	...	...	...	...	...	19'91	20'58	20'26
„ „ Not Improved,	...	...	...	...	...	...	18'20	16'12	17'15
„ „ Died,	...	...	...	...	...	...	22'21	15'13	18'66
„ „ Remaining,	...	...	...	...	...	...	5'74	4'23	4'98
							100	100	100

TABLE 5

Showing the Causes of Death, with the Ages at Death, during the Year 1899

Cause of Death	Between 25 and 30			Between 30 and 35			Between 40 and 45			Between 45 and 50			Between 55 and 60			Between 75 and 80			Totals		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Phthisis, ...	0	1	1	.....	.....	.....	1	0	1	1	0	1	.....	.....	.....	.....	.....	.....	2	1	3
General Paralysis, ...	.....	.....	.....	1	0	1	.....	.....	.....	1	0	1	.....	.....	.....	.....	.....	.....	2	0	2
Diabetes, ...	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	0	1	1	0	1	.....	.....	.....	2	0	2
Empyema, ...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0	1	1	0	1	1
Diarrhoea, ...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0	1	1	0	1	1
Epilepsy ...	.....	.....	.....	1	0	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	0	1
Total, ...	0	1	1	2	0	2	1	0	1	3	0	3	1	0	1	0	2	2	7	3	10



TABLE 6

Showing the Length of Residence in those Discharged Recovered  
and in those who have Died during the Year 1899

Length of Residence						Recovered			Died		
						M.	F.	T.	M.	F.	T.
Under 1 Month,	...	...	...	...	...	...	...	...	2	1	3
1 Month and under 3 Months,	...	...	...	...	...	3	0	3	...	...	...
3 Months	„	6	„	...	..	1	1	2	...	...	...
6	„	„	9	„	...	0	2	2	1	0	1
9	„	„	1 Year,	...	..	1	0	1	...	...	...
1 Year	„	2 Years,	...	...	...	...	...	...	2	1	3
2 Years	„	3	„	...	...	...	...	...	1	0	1
3	„	„	4	„	...	...	...	...	...	...	...
4	„	„	5	„	...	...	...	...	...	...	...
Over 10 Years,	...	...	...	...	...	...	...	...	1	1	2
Total,	...	...	...	...	...	5	3	8	7	3	10

TABLE 7

Showing the Duration of the Disorder on Admission in the Admissions  
Discharges, and Deaths, during the Year 1899

CLASS	Admissions			Discharges						Deaths			
				Recovered			Removed Relieved or otherwise						
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	
FIRST CLASS													
First attack, and within 3 months on admission,	4	4	8	1	2	3	3	1	4	1	2	3	
SECOND CLASS													
First attack above 3, and within 12 months on admission,	5	0	5	...	...	...	4	0	4	...	...	...	
THIRD CLASS													
Not first attack, and within 12 months on admission,	8	2	10	3	1	4	1	3	4	2	0	2	
FOURTH CLASS													
First attack or not, but of more than 12 months on admission,	9	4	13	1	0	1	2	4	6	4	1	5	
FIFTH CLASS													
Congenital,	3	0	3	...	...	...	...	...	...	...	...	...	
Total,	29	10	39	5	3	8	10	8	18	7	3	10	



TABLE 8

Showing in Quinquennial Periods the Ages of those Admitted, Recovered, and Died during the Year 1899, and of those remaining on 31st December, 1899

	Admissions			Recovered			Deaths			Remaining		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
15 years and under 20 years,	...	...	...	...	...	...	...	...	...	...	...	...
20	2	0	2	1	0	1	...	...	...	2	0	2
25	1	1	2	1	1	2	...	...	...	1	1	2
30	5	3	8	0	1	1	0	1	1	6	2	8
35	3	2	5	0	1	1	2	0	2	8	3	11
40	5	0	5	2	0	2	...	...	...	11	6	17
45	2	0	2	...	...	...	1	0	1	10	1	11
50	1	1	2	...	...	...	3	0	3	6	7	13
55	3	0	3	...	...	...	...	...	...	8	6	14
60	6	1	7	1	0	1	1	0	1	5	9	14
65	...	...	...	...	...	...	...	...	...	4	3	7
70	...	...	...	...	...	...	...	...	...	3	5	8
75	1	1	2	...	...	...	...	...	...	3	2	5
80	0	1	1	...	...	...	0	2	2	2	4	6
85	...	...	...	...	...	...	...	...	...	1	1	2
90	...	...	...	...	...	...	...	...	...	0	1	1
95	...	...	...	...	...	...	...	...	...	0	1	1
Total,	29	10	39	5	3	8	7	3	10	70	52	122

TABLE 9

Showing the condition as to Marriage in the Admissions, Recoveries, and Deaths during 1899, and of Patients Resident 31st December, 1899

Condition in reference to Marriage	Admissions			Recovered			Deaths			Patients Resident, Dec. 31st, 1899		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Single, ...	16	7	23	3	2	5	4	2	6	59	38	97
Married, ...	13	2	15	2	1	3	3	0	3	7	9	16
Widowed, ...	0	1	1	0	0	0	0	1	1	4	5	9
Total, ...	29	10	39	5	3	8	7	3	10	70	52	122



TABLE 10

Showing the Probable Causes of Insanity in the Persons admitted during  
the Year 1899

M., 29; F., 10; T., 39

Causes				Predisposing Causes								
				Hereditary						Previous Attacks		
				Insanity			Neuroses					
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
STRESS FROM WITHOUT—												
1, 2, 3, <i>a, b, c</i> Mental Strain and Worry,	10	4	14	6	1	7	0	1	1	4	1	
4, 5, Domestic Trouble, ...	0	2	2	0	1	1	...	...	...	0	1	
<i>d</i> Religious Excitement, ...	1	1	2	..	...	...	0	1	1	...	...	
STRESS FROM WITHIN—												
<i>b, c, e, f, g</i> Alcoholism, ...	11	1	12	1	1	2	3	0	3	1	0	
<i>a, c, g</i> Syphilis, ...	3	0	3	...	...	...	...	...	...	...	...	
<i>d</i> Self-Abuse (Sexual), ...	3	0	3	...	...	...	2	0	2	...	...	
Adolescence, ...	1	0	1	...	...	..	1	0	1	1	0	
4 Climacteric, ...	0	1	1	...	...	...	...	...	...	0	1	
1, 2, <i>a, e, h</i> Influenza, ...	5	1	6	2	0	2	...	...	...	1	0	
5 Phthisis, ...	0	1	1	0	1	1	...	...	...	...	...	
<i>f</i> Fall on Head, ...	1	0	1	...	...	...	...	...	...	...	...	
3 Puerperal, ...	0	1	1	...	...	...	0	1	1	...	...	
<i>h</i> Senile, ...	0	1	1	...	...	...	...	...	...	...	...	
No Exciting Cause assigned, ...	2	0	2	...	...	...	...	...	...	...	...	
PREDISPOSING INFLUENCES—												
Previous Attacks, ...	7	3	10	5	0	5	2	0	2	7	3	1
Neurotic Heredity, ...	6	3	9	...	...	...	6	3	9	2	0	
Insane Heredity, ...	9	4	13	9	4	13	...	...	...	5	0	

NOTE.—The *figures* and *letters* in the margin, each referring to a single case, indicate *combinations* of causes. The former refer to *persons predisposed* to insanity, the latter to those who have *not had a previous attack* and in whom no *history of heredity* has been ascertained.

TABLE 11.

Showing the Form of Mental Disorder on Admission in the Admissions, Recoveries, and Deaths of the Year 1899, and the Form of Mental Disorder of the Inmates, 31st December, 1899

Form of Mental Disease	Admissions			Recovered			Deaths			Remaining 31st Dec., 1899		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
CONGENITAL MENTAL DEFICIENCY,	2	0	2	...	...	...	...	...	...	5	1	6
MANIA												
Recent, ...	8	1	9	1	2	3	1	1	2	2	0	2
Chronic, ...	...	...	...	...	...	...	...	...	...	0	3	3
Recurrent, ...	1	0	1	...	...	...	...	...	...	3	0	3
MELANCHOLIA												
Recent, ...	1	3	4	1	0	1	...	...	...	...	...	...
Chronic, ...	4	1	5	1	0	1	...	...	...	8	11	19
Recurrent, ...	3	0	3	1	0	1	1	0	1	3	0	3
PERIODIC INSANITY, ...	...	...	...	...	...	...	...	...	...	2	3	5
DELUSIONAL INSANITY, ...	5	2	7	1	1	2	...	...	...	12	7	19
DEMENTIA, ...	5	3	8	...	...	...	5	2	7	35	27	62
Total, ...	29	10	39	5	3	8	7	3	10	70	52	122
EPILEPTICS, ...	...	...	...	...	...	...	...	...	...	2	2	4
GENERAL PARALYTICS, ...	4	0	4	...	...	...	2	0	2	4	0	4



TABLE 12

Showing Occupation of Patients admitted during the  
Year 1899

MALES					FEMALES				
Clerks, ...	...	...	...	3	Gentlewomen, ...	...	...	5	
Medical Practitioner, ...	...	...	...	1	Housewives, ...	...	...	3	
Retired Teacher, ...	...	...	...	1	Dressmaker, ...	...	...	1	
Carpenter, ...	...	...	...	1	Telegraphist, ...	...	...	1	
Merchants, ...	...	...	...	2					
Retired Butcher, ...	...	...	...	1					
Grocer, ...	...	...	...	1					
Slater, ...	...	...	...	1					
Gentlemen, ...	...	...	...	2					
Sheep Farmer, ...	...	...	...	1					
Shoe-Salesman, ...	...	...	...	1					
Manufacturer, ...	...	...	...	1					
Farm Pupil, ...	...	...	...	1					
Retired Farmers, ...	...	...	...	2					
Farmers, ...	...	...	...	3					
Jute Manufacturer, ...	...	...	...	1					
Travellers, ...	...	...	...	2					
Actor, ...	...	...	...	1					
Retired Merchant, ...	...	...	...	1					
Quarryman, ...	...	...	...	1					
Retired Traveller, ...	...	...	...	1					
Total, ...	...	...	...	29	Total, ...	...	...	10	

TABLE 13

Showing Bodily Condition of Admissions

						Male	Female	Total
Good Bodily Condition, ...	...	...	...	...	...	14	3	17
Fair	„	„	...	...	...	9	5	14
Bad	„	„	...	...	...	6	2	8
Total, ...						29	10	39

# State of the Funds of Murray's Royal Asylum, Perth,

As at 31st March, 1900.

I. Asylum and Grounds, as formerly,	...	...	£40,000	0	0
II. Asylum Farm, do.	...	...	5,500	0	0
III. Furniture and Furnishings (Asylum and Kin-					
carrathie), ...	...	...	3,000	0	0
IV. Physician's House and Furniture, as formerly,			2,300	0	0
V. "Seven Gables," Elie, as formerly,	...	...	1,288	0	0
Sum,			£52,088	0	0

*Deduct Borrowed Money, &c., as follows:—*

1. Amount borrowed on Bonds over the Asylum, at 3 per cent. interest,	...	£9,700	0	0
---	-----	--------	---	---

NOTE.—£1000 paid off during past year.

2. Union Bank of Scotland, Ltd., Current Acct., Dr. Balance,	575	5	3
3. Treasurers' Cash Balance,	100	4	9

NOTE.—The Board due 1st April prevents any *actual* Overdraft on Bank Account.

Remains, £41,712 10 0

*Add the following Balances:—*

1. Board Arrears, to be recovered,	£167	0	0
2. Patients' Outlays, do.	298	5	4
		465	5 4

Amount of Funds, £42,177 15 4

N.B.—Amount of Funds at 31st March, 1899, was £42,177 0 3

Add as follows:—

Excess of Expenditure for past year,			
p. within Account, ...	£443	4	11
Debt Sinking Fund, included in year's Expenditure, ...	444	0	0
		0	15 1

As above, ... £42,177 15 4

*Note as to Patients' Disbursements.*

Amount outstanding at 31st March, 1899,	...	£467	7	1
Quarterly Outlays to 31st March, 1900, per Accounts,		1,501	15	1
Sum,	...	£1,969	2	2
Repayments during year, p. Record Book,	...	1,670	16	10
Outstanding 31st March, 1900, as above,	...	£298	5	4



# Murray's Royal Asylum.

## REVENUE AND EXPENDITURE ACCOUNT

FOR YEAR ENDING 31st MARCH, 1900.

### REVENUE.

I. Board of Patients, per Record Book, ...	£10,102	0	5
II. Patients for use of Carriage, ...	320	10	0
III. Farm Receipts, ...	674	13	10
IIIa. Rent of Park, Kincarrathie, ...	19	12	0
IV. Garden Receipts, ...	290	16	2
V. Discounts on Tradesmen's Accounts, ...	43	6	6
VI. Bank Interest, &c., received, ...	48	0	0

Total Revenue, £11,498 18 11

### EXPENDITURE.

I. House Expenses—			
Provisions, ...	£3,405	3	8
Fuel, ...	430	1	10
Lighting, ...	155	15	3
Furnishings, Fittings, &c.,	821	0	2
Amusements and Petty Outlays, ...	140	14	6
Sum of House Expenses, £4,952	15	5	
II. Salaries and Wages (including Retiring Allowances),	3,148	2	1
III. Repairs and Improvements,	1,570	4	2
IV. Rent, Taxes, and Insurance,	493	16	2
V. Postages, Stationery, and Advertising, ...	120	10	7
VI. Sinking Fund, Interest, &c.,	754	6	0
VII. Legal Expenses, ...	9	16	10
VIII. Carriage Account, ...	239	8	9
IX. Farm Payments, ...	429	18	4
X. Garden Account, ...	296	17	11
Total Expenditure, ...	12,015	16	3
Excess of Expenditure,	£516	17	4
Deduct Receipts from Elie Account, ...	73	12	5
Nett Excess of Expenditure,	£443	4	11

# FARM ACCOUNT.

Valuation of Stocking, 31st March, 1899, ... .. £242 13 0

Stock purchased during year—

Cows, ... .. £115 17 6

Cattle, ... .. 18 0 0

Pigs, ... .. 27 17 9

Poultry, ... .. 1 3 3

162 18 6

Wages, Feeding Stuffs, and Accounts, ... .. 259 9 11

Taxes and Insurance, ... .. 7 14 11

Rent (31½ acres at 30/-), ... .. 47 5 0

£720 1 4

Sales of Produce—

Cows and Calves, ... .. £102 1 5

Cattle, ... .. 21 9 6

Pigs, ... .. 88 1 9

Pork, ... .. 20 3 9

Fowls, ... .. 19 2 3

Milk, at 10d per gal., ... .. 359 16 3

Eggs, ... .. 23 3 11

£633 18 10

Rent of Fields, ... .. 41 0 0

Carting for Asylum, ... .. 7 13 0

£682 11 10

Valuation of Stocking at 31st March,

1900, ... .. 249 3 0

931 14 10

Balance in favour of Farm, ... £211 13 6



Incorporated by



Royal Charter.

## JAMES MURRAY'S ROYAL ASYLUM, PERTH.

---

**T**HIS Asylum is healthily situated amidst picturesque surroundings, on the Hill of Kinnoull, in the immediate vicinity of Perth. It stands in the midst of extensive Pleasure-Grounds, surrounded by the fields of the Home Farm, and commands unrivalled views, extending over the valley of the Tay to the range of the Grampians. The central position of Perth makes it accessible from all parts of Scotland.

Being an Endowed Institution and a Chartered Corporation, under the management of a statutory Board of Directors who have no pecuniary interest in its prosperity, the profits on each year's transactions have been devoted to modernising and perfecting the original fabric of the Asylum, in order to render it an efficient Hospital, as well as a comfortable Home, for all classes of Private Patients.

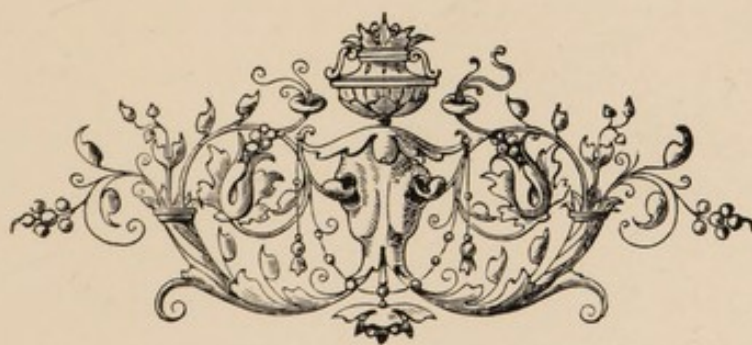
The last important supplement to the resources of the Institution is the erection of two new wings for the reception of Acute Cases. These have been fitted with every modern improvement in the means of treatment of the Insane.

The Directors have also taken on lease the beautifully situated Mansion-House of Kincarrathie, in the neighbourhood of, but distinctly separated from, the Asylum. It has now been in use for fourteen years as a Convalescent Home and for Patients of the Higher Class suffering from the milder forms of mental disease. "Seven Gables," Elie, has also been purchased for the use of the Patients. The various buildings of the Establishment at Perth are connected with the National Telephone Company.

The Distinctive Features of this Institution are, that it is the only Royal Asylum in Scotland which contains no paupers; that it receives a limited number of Patients, permitting of Individualised Treatment; and that it is developed as a Central Hospital for the treatment of acute and difficult cases, with Succursal Houses for less serious cases. Special attention is devoted to the occupations of the patients; there are ample means of Amusement; and the utmost Liberty, with due regard to safety, is accorded. Carriages are kept for the use of those Patients for whom such exercise is desirable.

No Publicity is implied in the proceedings connected with the admission of Patents, nor in the term "Royal Asylum."

The Directors have every confidence in referring the friends of those requiring treatment to the Reports of the Commissioners in Lunacy.





The following is a list of the names of the persons who have been admitted to the office of the Secretary of the Board of Education, since the last meeting of the Board, on the 1st of January, 1880.

1. Mr. J. H. Smith, Secretary of the Board of Education, New York City.

2. Mr. J. H. Smith, Secretary of the Board of Education, New York City.

3. Mr. J. H. Smith, Secretary of the Board of Education, New York City.

4. Mr. J. H. Smith, Secretary of the Board of Education, New York City.

5. Mr. J. H. Smith, Secretary of the Board of Education, New York City.

6. Mr. J. H. Smith, Secretary of the Board of Education, New York City.

7. Mr. J. H. Smith, Secretary of the Board of Education, New York City.

8. Mr. J. H. Smith, Secretary of the Board of Education, New York City.

9. Mr. J. H. Smith, Secretary of the Board of Education, New York City.

10. Mr. J. H. Smith, Secretary of the Board of Education, New York City.

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