

**One Hundred and first annual report of the Royal Edinburgh Asylum,  
Morningside : Craig House and the West House mental hospitals for the  
year 1913.**

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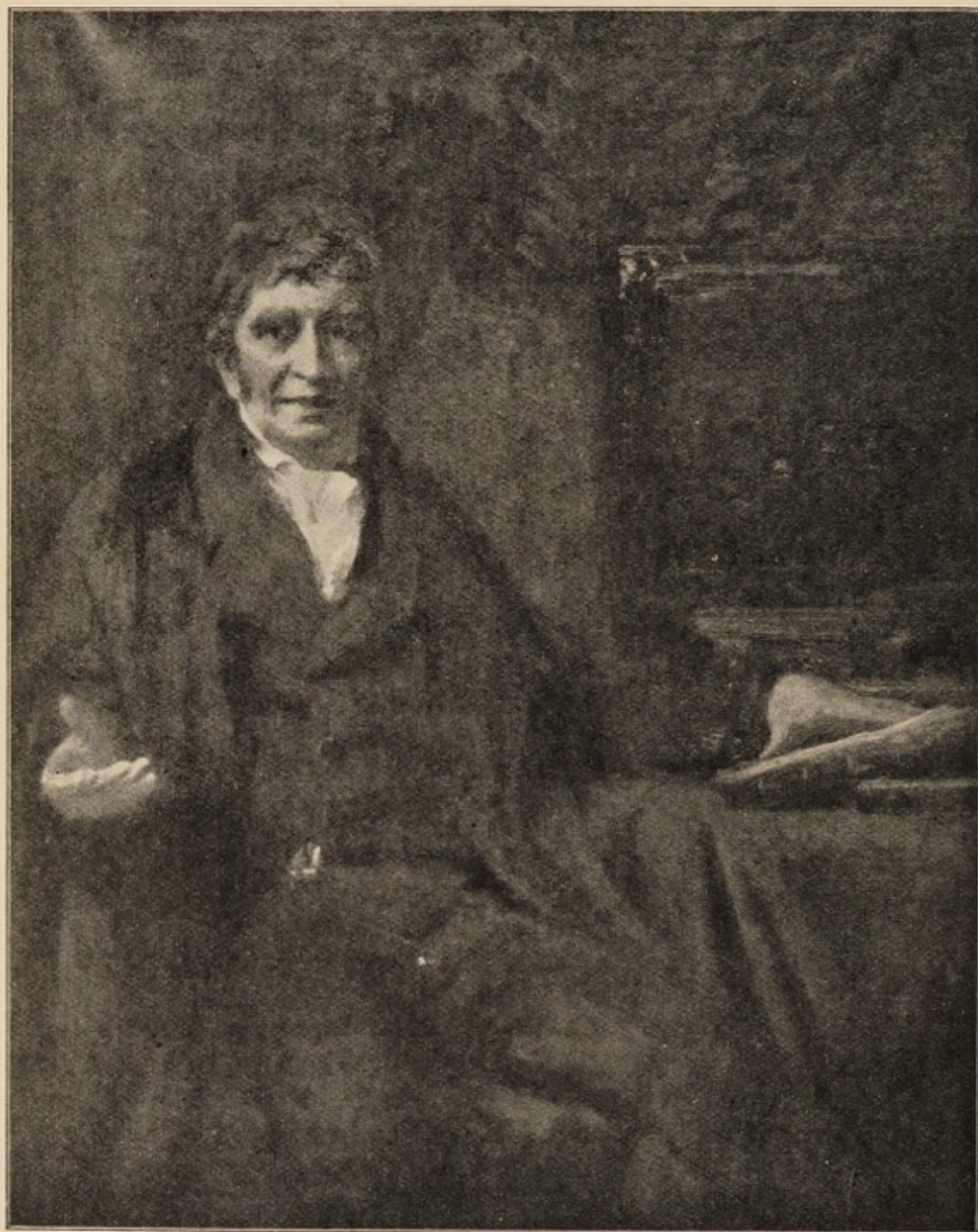
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ANDREW DUNCAN

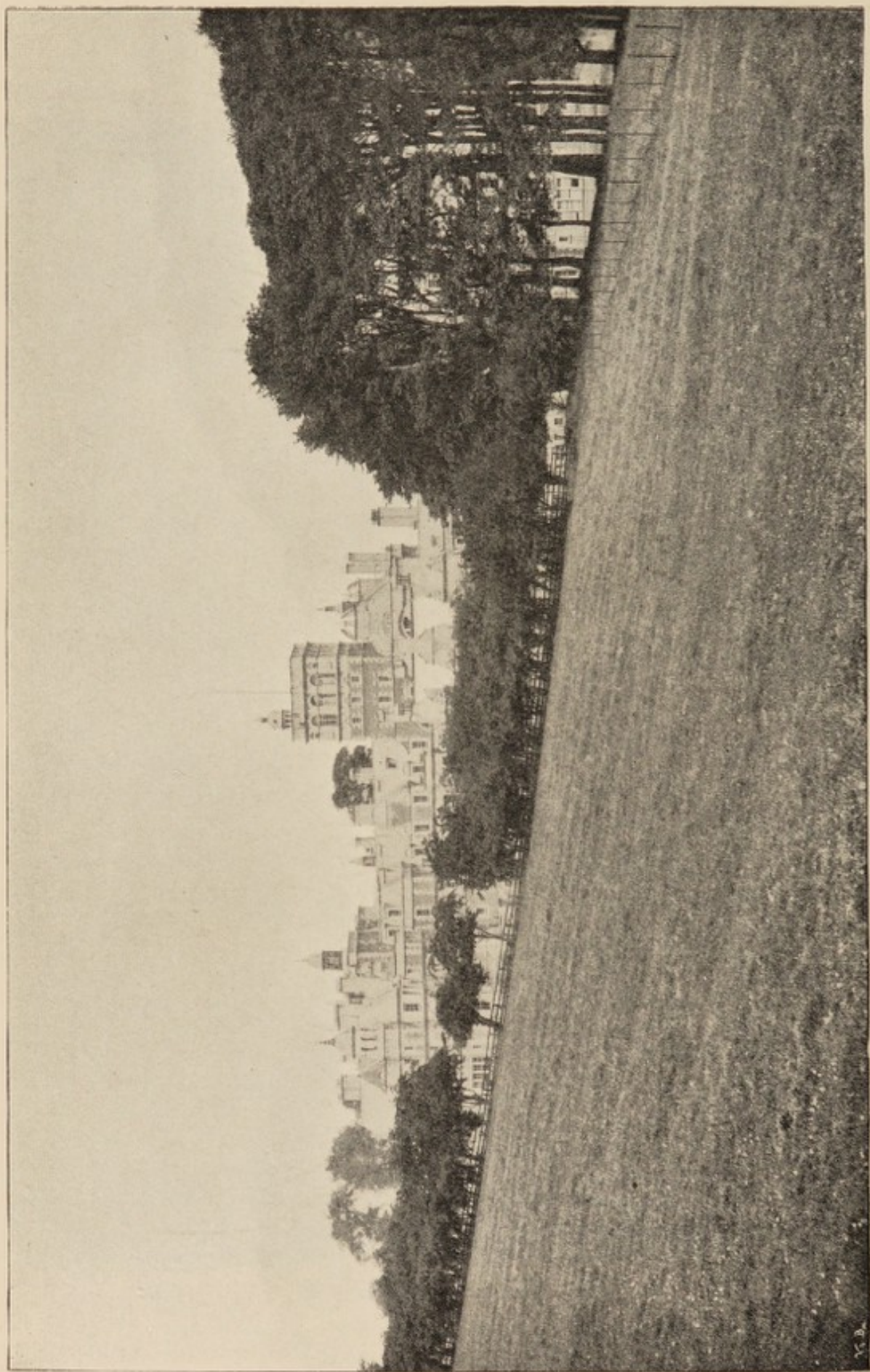
*To whom the Royal Edinburgh Asylum owes its origin in 1807*

*After a Picture by Raeburn*









CRAG HOUSE CENTRE—GENERAL VIEW FROM SOUTH-EAST

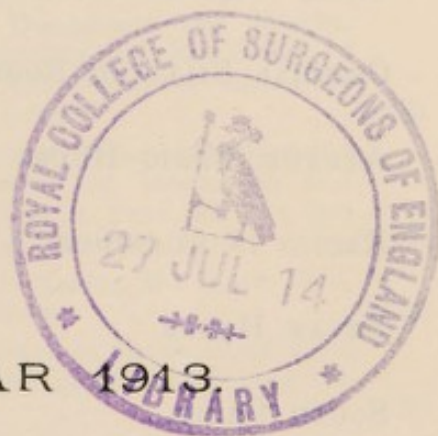
# ONE HUNDRED AND FIRST ANNUAL REPORT

OF THE

## ROYAL EDINBURGH ASYLUM, MORNINGSIDE.

CRAIG HOUSE AND THE WEST HOUSE  
MENTAL HOSPITALS.

FOR THE YEAR 1913.





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MRS ELIZABETH BEVAN

*(Grand-daughter of Dr Andrew Duncan), who left the "Bevan Fund" to R. E. A.*



# ROYAL EDINBURGH ASYLUM.

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## CRAIG HOUSE AND THE WEST HOUSE MENTAL HOSPITALS.

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~~~~~  
**Patron — THE KING.**  
~~~~~

OFFICE-BEARERS FOR THE YEAR 1914.

GOVERNOR.

THE DUKE OF BUCCLEUCH AND QUEENSBERRY.

---

DEPUTY-GOVERNORS.

THE EARL OF STAIR.

THE EARL OF ROSEBURY.

SIR ALEX. CHRISTISON, Bart.

SIR WILLIAM TURNER, K.C.B.

THE MARQUIS OF LINLITHGOW.

---

EXTRAORDINARY MANAGERS.

Lord Provost of the City of Edinburgh.

Lord President of the Court of Session.

Lord-Advocate of Scotland.

Solicitor-General of Scotland.

Dean of the Faculty of Advocates.

Deputy - Keeper of His Majesty's Signet.

Members of Parliament for the City.

Member of Parliament for the County.

Sheriff of the Lothians and Peebles.

Principal of the University of Edin.

President of the Royal College of Physicians.

President of the Royal College of Surgeons.

Senior Minister of Edinburgh.

Master of the Merchant Company.

Preses of the Society of Solicitors.

Dean of Guild of the City.

Deacon Convener of the Trades.

---

ORDINARY MANAGERS.

The Lord Provost (*ex-officio*).

Professor Alex. Crum Brown, M.D.,  
LL.D., F.R.S.

Professor Hudson Beare,  
M. Inst. C.E.

Professor Rankine, K.C.

James Gibson, Esq.

Major-General Dalmahoy.

Richard W. Huie, Esq.

John J. Cowan, Esq.

W. H. Cook, Esq., C.A.

Thomas M. Gardiner, Esq.

John Cowan, Esq.

James Adam, Esq.

T. R. Ronaldson, Esq., M.B.,  
F.R.C.P.

Sir George M. Paul, D.K.S.

Rev. R. H. Fisher, D.D.

*Chairman of the Board*—James Adam, Esq.

OFFICE-BEARERS FOR THE YEAR 1914—Continued.

MEDICAL BOARD.

J. J. GRAHAM BROWN, *President of the Royal College of Physicians.*

Professor FRANCIS M. CAIRD, *President of the Royal College of Surgeons.*

Professor JOHN WYLLIE, F.R.C.P.

Sir J. O. AFFLECK, F.R.C.P.

RUSSEL E. WOOD, Esq., F.R.C.S.

---

DAVID SCOTT-MONCRIEFF, W.S., *Clerk and Treasurer.*

ROBERT SCOTT-MONCRIEFF, W.S., *Joint-Clerk and Treasurer.*

---

STANDING COMMITTEES.

*Visiting Committee.*

This Committee consists of the whole Board of Ordinary Managers.

Mr Adam, *Convener.*

*Finance Committee.*

Professor Hudson Beare.

Mr Cook.

Mr Huie.

Mr Gardiner.

Dr Ronaldson.

Professor Hudson Beare, *Convener.*

*Law Committee.*

Professor Rankine.

Mr Adam.

Mr Cook.

Mr John Cowan.

Sir George Paul.

Mr John Cowan, *Convener.*

*Charity and Bevan Fund Committee.*

Mr Gibson.

Major-General Dalmahoy.

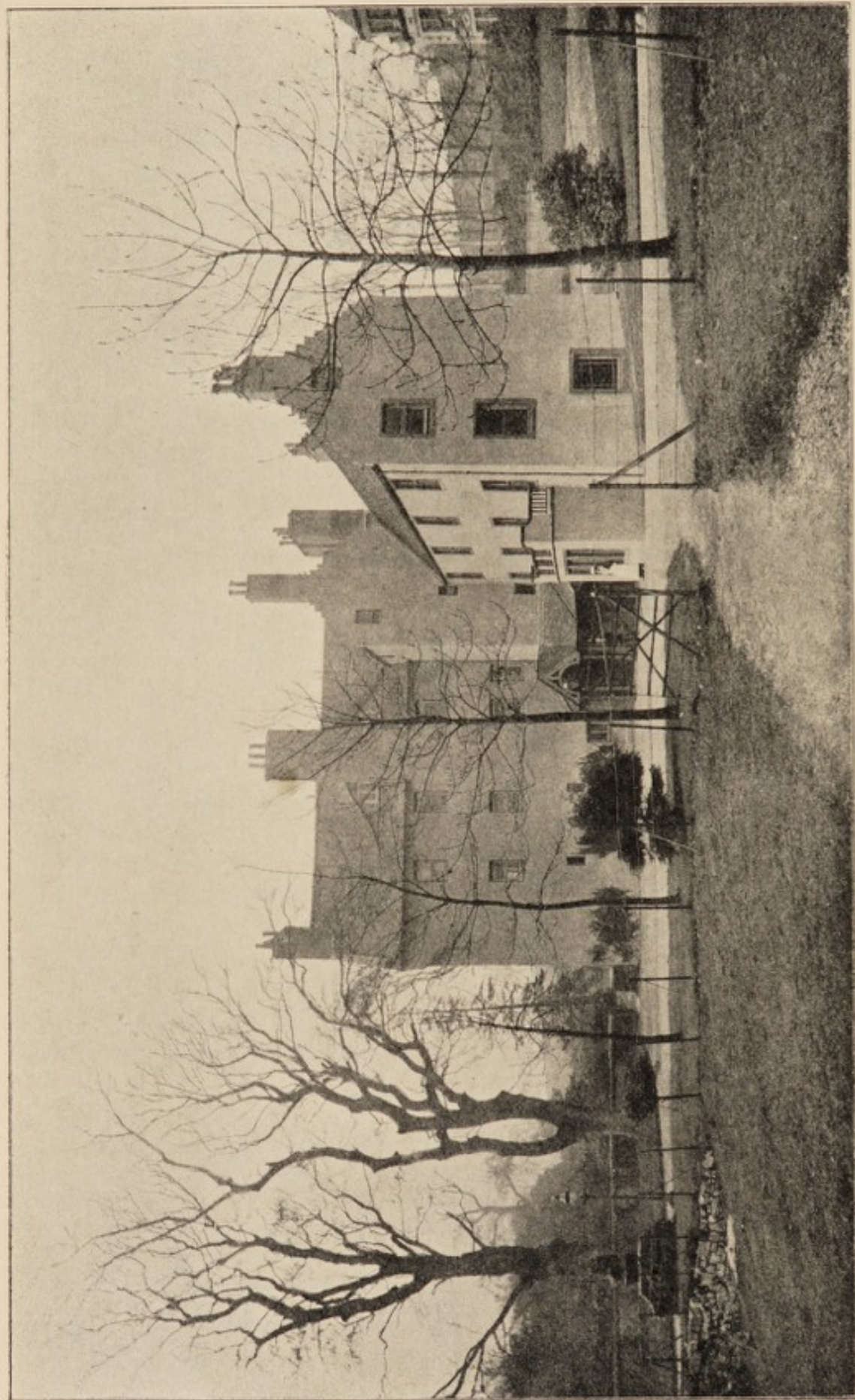
Dr Ronaldson.

Dr Fisher.

Mr Gibson, *Convener.*

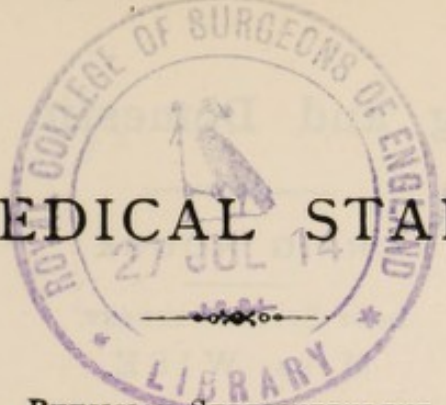






OLD CRAIG HOUSE. 1565-1907





# MEDICAL STAFF.

PHYSICIAN SUPERINTENDENT.

GEORGE M. ROBERTSON, M.D., F.R.C.P.Ed.

ASSISTANT PHYSICIANS.

A. W. NEILL, M.D.

D. MAXWELL ROSS, M.B., Ch.B.

H. YELLOWLEES, M.B., Ch.B.

BELL G. EMSLIE, M.D.

PATHOLOGIST.

WILLIAMINA ABEL, M.D., D.Sc., D.P.H.

RESIDENT CLINICAL ASSISTANTS DURING THE YEAR

P. W. P. BEDFORD, M.B., Ch.B.

C. W. LEWIS.

R. THORP.

A. S. GLYNN.

D. C. GRAHAM.

M. MORRISON.

G. CROMIE, M.B., Ch.B.

W. C. WESTON.

W. A. COATES.

F. B. EYKYN.

R. E. CAMERON.

J. W. DARLING.

---

HONORARY CONSULTING PHYSICIAN.

SIR THOMAS CLOUSTON, M.D., LL.D., F.R.C.P.Ed.

---

CHAPLAIN.

THE REV. W. S. THOMSON.

STEWARD.

JOHN M'INTOSH.

---

CLERK OF WORKS . . .	ROBERT CLARKE.
HEAD GARDENER . . .	THOMAS ORMISTON.
STOREKEEPER (West House).	INNES GRANT.
„ (Craig House).	FREDERICK WOMACK.
DISPENSER . . .	MISS HENDERSON, M.P.S.
SECRETARY . . .	MISS ROSE.



# Nursing and Domestic Staff.

---

## CRAIG HOUSE

LADY SUPERINTENDENT.

MISS WISE.

MATRONS OF VILLAS, &c.

OLD CRAIG	-	-	-	-	MISS SPENCE.
SOUTH CRAIG	-	-	-	-	MISS DARNEY.
BEVAN HOUSE	-	-	-	-	MISS BALL.
CRAIG HOUSE (Ladies)	-	-	-	-	MISS CRAIG.
CRAIG HOUSE (Gentlemen)	-	-	-	-	MISS MACAULEY.
LADIES' HOSPITAL	-	-	-	-	MISS HINEY.
QUEEN'S CRAIG AND THE BUNGALOW	-	-	-	-	MISS GRAHAM.
GENTLEMEN'S HOSPITAL	-	-	-	-	MISS KERR.
COUNTRY VILLA	-	-	-	-	MISS WATT.
NIGHT SUPERINTENDENT	-	-	-	-	MISS NICOL.

ASSISTANT MATRON.

MISS CLAYTON.

HOUSEKEEPERS—MISS MURRAY AND MISS HERDMAN.

Assistant—MISS ARMIT.

SEWING MISTRESS.

MISS WEBSTER.

CLERKESS.

MISS WOOD.

---

## WEST HOUSE.

MATRONS.

MISS HEARDER—*Female Department.*

MISS THYNE—*Male Department.*

ASSISTANT MATRONS.

MISS FORBES (Edinburgh Royal Infirmary).

MISS ARROWSMITH (Ancoats Hospital, Manchester).

MISS DE LAPPE (Dundee Royal Infirmary).

MISS PATTERSON (Western Infirmary, Glasgow).

MISS M'KEITH.

NIGHT SUPERINTENDENT.

MISS CLARKE (Edinburgh Royal Infirmary).

KITCHEN SUPERINTENDENT.

MISS MILLER (Edinburgh School of Domestic Economy).

MISS BEVERIDGE (Do. do.) Assistant.

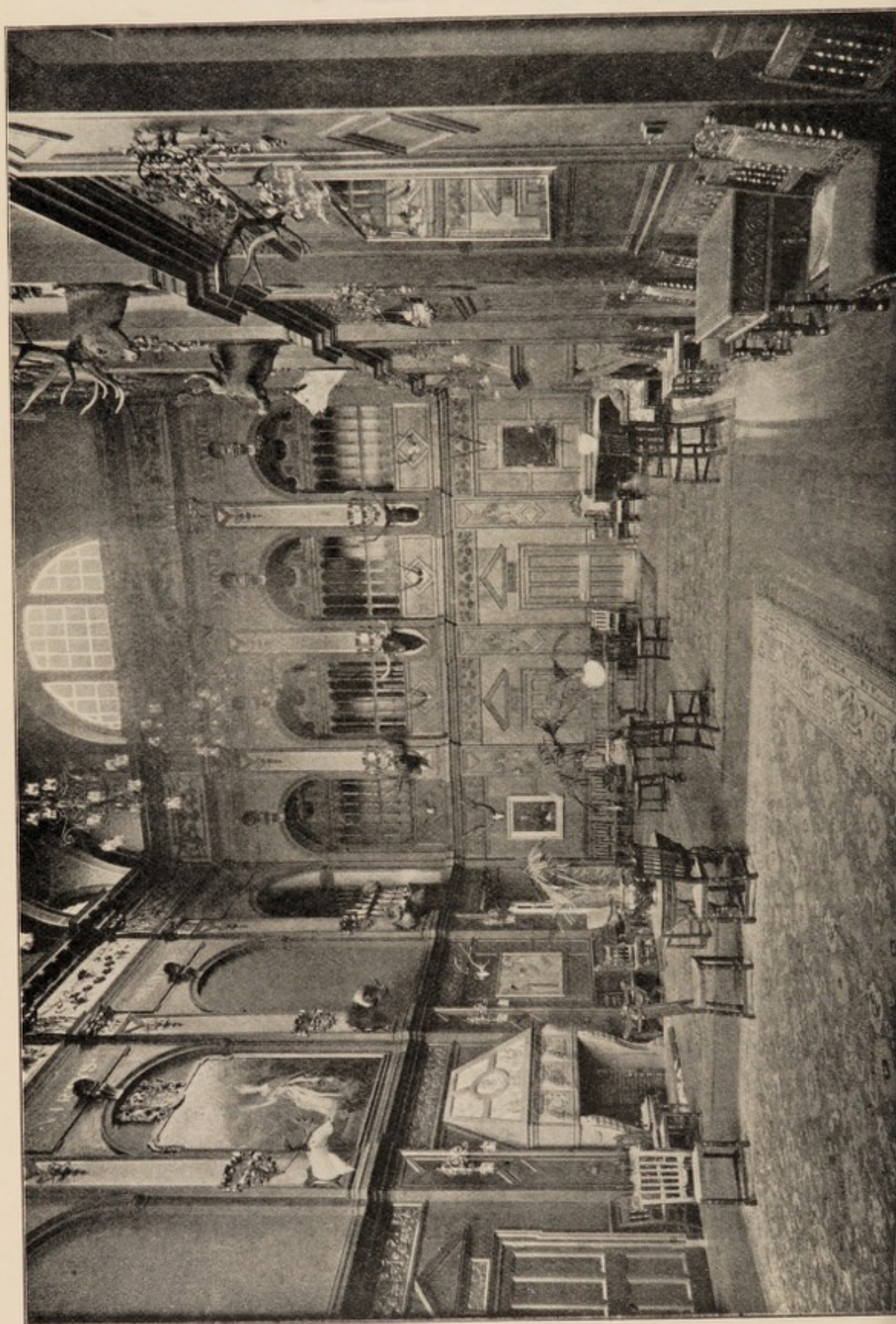
LAUNDRY SUPERINTENDENT.

MISS WHITE.

MISS BELL, *Assistant.*









REPORT  
OF THE  
ORDINARY MANAGERS  
OF THE  
ROYAL EDINBURGH ASYLUM FOR THE INSANE  
*For the Year from  
1st October 1912 to 30th September 1913.*

---

THE Managers feel that in submitting their Annual Report for the year to 30th September 1913 they must refer, in the first instance, to the passing of the Mental Deficiency and Lunacy (Scotland) Act, 1913, the most important measure of its kind which has for many years become law, and one the far-reaching effects of which it is impossible to foresee. The Act, which comes into operation on 15th May next, is divided into two parts. The first deals with the segregation and treatment of idiots, imbeciles, feeble-minded persons and moral imbeciles, and the administrative and financial machinery in connection therewith. The second part makes some slight alterations on the existing lunacy law and powers of the Lunacy Commissioners. The first part of the Act the Managers welcome as supplying a long felt want. It does not, at least in the meantime, directly affect the Institution under their charge, although it may be that they will have to consider the advisability of providing some of the accommodation that may be required in the future for the mentally deficient who come under its provisions. Indirectly it cannot but have a most beneficial effect in decreasing the spread of mental disease. Idiots have, of course, for long come under the provisions of the Lunacy Statutes, but the other classes dealt with have been free of control. There was no authority which could be invoked



to protect them from harm, or to prevent them from becoming a burden to the community by their irresponsible and anti-social conduct.

The second part of the Act practically incorporates Lord Pentland's Lunacy Amendment Bill of 1911, which was allowed to drop, and to which reference was made in last year's Report. To several of the provisions of that Bill the Royal Asylums objected, and they agreed to act in unison in opposing these when incorporated into the measure at present under discussion. The Managers are glad to be able to report that their opposition was entirely successful, the Government ultimately agreeing to delete some of the provisions objected to, and to alter others so as to meet their views.

An attempt was made to have a clause added to this Act making it permissible for Royal Asylums to come under the provisions of the Asylum Officers' Superannuation Act, 1909 also referred to in last Report, but this was found to be impracticable, as the one measure dealt exclusively with Scotland, while the other applied not only to Scotland but to England and Ireland as well. This most important matter is, therefore, still under consideration.

With these preliminary remarks, the Managers now beg to refer to the Institution under their charge.

### CRAIG HOUSE.

The average daily number of patients under treatment in this department for the year was 218, being an increase of 3 in comparison with the average for the preceding year.

Some small structural alterations have been made on the buildings, but nothing of such importance as to call for special mention.

That the department maintains its high reputation is shown by the large and increasing number of patients who are sent there for treatment from all parts of the country, and from England.

### WEST HOUSE.

The following table gives the average number of patients in this department of the Institution:—

	Year to 30th Sept. 1912.	Year to 30th Sept. 1913.	Increase.	Decrease.
Intermediates at £60 - -	6	5	—	1
Do. at £45 - -	163	171	8	—
Private patients at £32. 10s.	72	76	4	—
Rate-paid patients at £34. 10s. (including clothing) - -	294	300	6	—
	535	552	18	1
		535	1	
Total Increase -		17	17	

The amount of board received for all the West House patients, including extra accounts, during the year was -	-	£21,427	15	4
Sundry other receipts, including £726. 14s. 3d. received from Craig House for labour performed for that department by West House patients - - -	-	1,039	14	9
Total ordinary income -	-	£22,467	10	1

*Deduct—*

1. Payment for ordinary maintenance, including interest of debt, etc. -	£21,582	18	4
2. New capital expenditure -	1,673	5	0
3. Capital instalment to- wards Sinking Fund -	2,003	5	5
		25,259	8 9
Deficit for the year -	£2,791	18	8

Of this deficit £687. 3s. 10d. pertains to intermediate patients.

The following table shows the cost of maintenance of the two classes of West House patients for the year to 30th September 1913, based on the hypothetical assumption that the Managers have charged the full sum authorised by the



Court of Session towards liquidation of debt, and have also charged the year's capital expenditure:—

	Cost in Year to 30th Sept. 1913.			Mean Rate of Board.			Deficit on each Patient.		
	£	s.	d.	£	s.	d.	£	s.	d.
Each intermediate patient	50	3	6	45	8	6	4	15	0
Each rate-paid patient and patient at the low- est rate of board	40	2	7	34	10	8	5	11	11

The details of these figures will be found on page 54.

The rates charged in the West House have met the ordinary cost of maintenance. They have, however, been insufficient to meet any part of the new capital expenditure and have failed to meet the statutory contribution towards the liquidation of debt by no less a sum than £1,118. 13s. 8d. This result was foreshadowed in last year's Report, and the Managers then stated that should their anticipations be realised they would have no alternative but to raise the rates of board for West House patients.

The rates of board were last raised in 1905 (rate-paid patients from £33. 4s. to £34. 10s.), when the Edinburgh Parish patients began to be removed to Bangour and when the West House was still very much overcrowded. This increase in rates resulted in a small surplus being shown at the close of that year, but since then there has been an uninterrupted succession of deficiencies. These deficiencies were due (1) to the large decrease in the number of patients through the removal to Bangour of the Edinburgh Parish patients, and to the impossibility of effecting a proportionate decrease in the fixed charges; (2) to considerable capital expenditure in renovating the West House; and (3) to the gradual increase in the cost of living. It may be asked why, looking to these deficiencies, the rates of board were not raised years ago. The answer is that the Managers considered that new capital expenditure should not be charged as a whole but should be spread over a series of years, and they hoped that as the number of private patients increased the ordinary income would soon be again sufficient to meet both the ordinary outgoings and the payments towards the liquidation of debt. Had the cost of maintenance



remained stationary the hopes of the Board would have no doubt been realised, but, unfortunately, though the number of private patients has slowly increased, there has been a more than corresponding increase in the cost of maintenance. The reasons of this increase are twofold—(1) the general rise in the price of nearly all commodities throughout the country, and (2) legislation directly affecting Asylum administration.

As illustrating the first of these, reference may be made to the cost of West House provisions, which has increased during the last three years by over £880, and to the cost of coal, which has increased by nearly £240. When it is mentioned that the cost of feeding the rate-paid patients in the West House is less by £1. 16s. 1d. per head than the cost of feeding these patients at Bangour, it will be realised that the increase in the cost of provisions is not the result of extravagant administration, but of force of circumstances alone. In fact, the West House officials must be congratulated on the careful supervision which has prevented the increase under this head from being considerably greater than it is.

Of legislation directly affecting Asylum administration, reference may be made (1) to the National Insurance Act, which has added over £60 per annum to the West House expenditure, and (2) to the Bill to limit the hours of employment of officers and servants in the Asylum and to provide more off-duty time for them. The provisions of this latter measure, although they have not become law, have been more or less adopted in all Asylums, and by necessitating a considerable increase in the staff have cost the Royal Edinburgh Asylum an addition of at least £200 in wages and food for the West House alone. That this sum is not considerably greater is due to Dr Robertson's careful re-arrangement of the work of the staff, for when the Bill was before Parliament the additional cost of the proposals was estimated at over £350.

Looking to the fact that so many of the patients in the West House are rate-paid and chargeable to various parishes, it may not be out of place to refer to the cost of those rate-paid patients who are treated in District Asylums. On page 91 of the Fifty-Fifth Annual Report of the General Board of Commissioners in Lunacy for Scotland will be found a table setting forth the total cost per head of rate-paid patients



in each of the District Asylums in Scotland for both maintenance and providing expenditure. This total cost ranges from £64. 2s. 3d. for each patient at Bangour to £26. 16s. for each patient in the Banff District Asylum, the average cost being £41. 4s. 3d. It is, however, unfair to judge of the cost of maintenance in all these District Asylums on the same basis, for it is obvious that a recently built asylum cannot be compared with one built more than thirty years ago, as the former has to include in its expenses the large contribution towards the Sinking Fund of its heavy initial outlay, which the latter has liquidated. The West House can hardly be included under either group, for, although it liquidated many years ago its initial expenditure, it incurred heavy liabilities since in modernising and improving its buildings, and these expenses it has not yet paid off. In spite of this fact, however, the total cost of each rate-paid patient in the West House amounted to £40. 2s. 7d., which is £1. 1s. 8d. less than the average cost of patients in the District Asylums.

It has also to be borne in mind in comparing the figures of Royal and District Asylums that as yet the latter have practically no expense to meet in the way of pensions, although they will shortly have to do so, while several of the Royal Asylums have at this time a heavy pension roll. The proportion falling on each West House patient of the expense of the pensions payable by the Royal Edinburgh Asylum amounts to about £1. 6s. 8d. per annum, and this item is included in the above-mentioned sum of £40. 2s. 7d.

The foregoing figures are evidence that the cost of maintenance at the West House is far from being excessive, and the Managers are afraid that it will be found necessary to increase the rates of board paid for parochial patients and patients at the lowest rate of board by something like £1. 10s., and for intermediate patients by £3. The result of changes on these lines would be to increase the amount of boards to be received for the former classes of patients by £564, and for the latter by £528, making in all an increase of £1,092. This, with the addition of a few more patients to the population, would allow of the instalment to the Sinking Fund being paid in full. The Managers feel, however, that their position would be greatly strengthened if they were acting in this matter in



consort with the other Royal Asylums, and they would suggest that the Corporation at the Annual General Meeting should empower them to raise the rates of board to such an extent as may seem to them to be necessary after consultation with these bodies. The great advantage of such joint action has been clearly demonstrated during the last few years.

Before leaving the question of rates of board, the Managers would remind their constituents that although the current Sinking Fund comes to an end at 31st December next, there will be still a debt of over £20,000 due by the West House at that date, and that it will be necessary to commence a new Sinking Fund. Seeing, however, that the debt to be thereby wiped out will be less by about £25,000 than the debt being liquidated at present, it follows that the annual instalment to the new Sinking Fund will be considerably less than the present instalment, and this may permit of a reduction in the rate of board at an early date.

Turning from the finances of the West House to the buildings themselves, the Managers have to report that during the year the kitchen department has been remodelled, the area having been increased and entirely new plant provided. The improvement thus effected has not only simplified and improved the culinary arrangements and added greatly to the comfort of those employed in the kitchen, but has, through the introduction of additional hot plates and hot chambers, facilitated and improved the service of the food.

In order to bring the West House fully up-to-date, two improvements are still necessary, viz.: (1) the installation of electric light in the buildings, and (2) the renovation of the heating system. In connection with these improvements Dr Macpherson, one of His Majesty's Commissioners in Lunacy, writes as follows in his Report of December 1913:—  
 "It is learned with approval that the Managers have under their favourable consideration proposals for lighting the West House with electricity, and for heating the wards and dormitories with hot water."

The Managers hope to be able to undertake one or other of these improvements during the current year, and are already making inquiries in regard to them. When they have been executed the West House will be fully abreast of



the times, and not likely to require any heavy capital outlay for many years to come.

During the year the Board, with the assistance of a grant from the Carnegie Trust, has made an entirely new departure in asylum work in this country by the appointment of what is termed in America a "Field Worker." The duty of this official, who is a medical man, is to inquire into the genesis and social surroundings of cases admitted to the Asylum. In many cases the cause of the attack of insanity is directly attributable to environment, and to send back to the same environment a cured case is but to invite the recurrence of the disease. It is hoped that through the investigations of this new official individual causes of insanity, of which the doctors in the Asylum are necessarily ignorant, will be brought to light, and where possible will be removed.

The Asylum was visited by Dr Marr on 17th, 18th, and 19th June 1913, and by Dr John Macpherson on 8th, 9th, and 10th December 1913. As copies of their Reports will be found on pages 46-50, it is unnecessary for the Managers to refer to them more than by giving the following two short extracts. Dr Marr, writing of the administration in general, says: "The attention given to the patients in the hospitals in particular, and generally throughout the Institution, by the Medical Officers fully maintains the high traditions of the past, and is most commendable.

. . . . .

"The management continues to be most active and able, and is characterised by much courage and earnestness."

Dr Macpherson, referring to the alterations in the West House kitchen, writes: "Among the many changes and alterations in the internal construction of the Asylum, the renovation and reconstruction of the kitchen at the West House is the most important. The department has been beautifully tiled and fitted with the latest type of cooking apparatus, including a complete system of hot plates and hot chambers for keeping the food warm before it is served."

In conclusion, the Managers have, as on former occasions, the pleasure of recording their high appreciation of the







CRAIG HOUSE-CHIEF DRAWING-ROOM

services of Dr Robertson, and of the Assistant Physicians, Chaplain, Matrons, and others who have so loyally and ably furthered his efforts, and done so much to promote the interests of the Institution. .

The Reports of the Charity Committee and the Bevan Fund Committee are submitted herewith, along with the Treasurer's Accounts, and the Managers again beg to draw the attention of the charitable to the claims of the Charity Fund.

In name of the Managers,

JAMES ADAM,  
*Chairman.*



# REPORT

OF  
THE CHARITY COMMITTEE OF MANAGERS  
OF THE  
ROYAL EDINBURGH ASYLUM FOR THE INSANE

*For the Year ending 30th September 1913.*

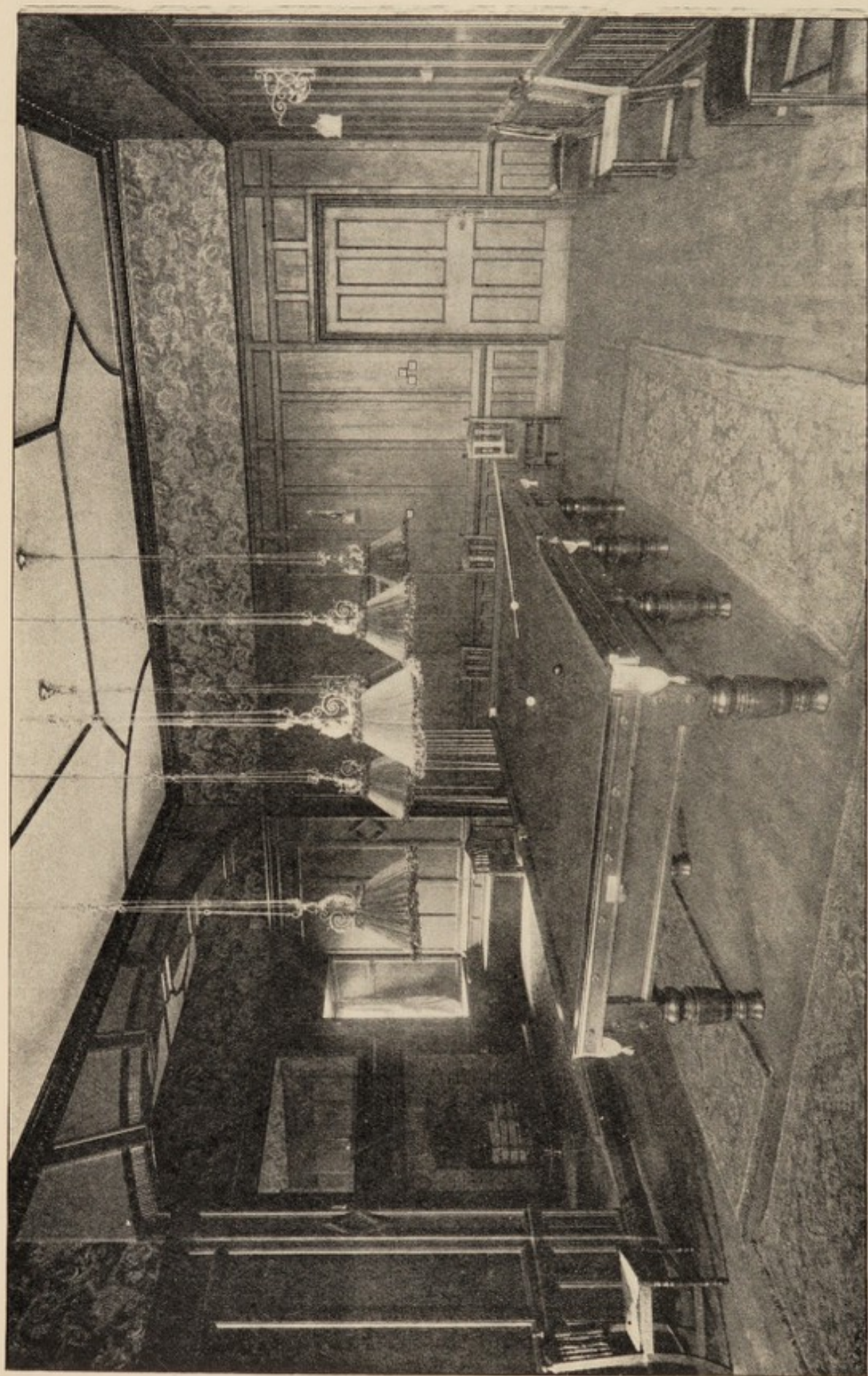
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The Account of the Treasurers' Intromissions with the Charity Fund is herewith submitted :—			
The Fund amounted at 30th September 1912 to	-	-	£10,301 1 7
To which falls to be added the share of residue falling to the Asylum from the estates of Mr William Mason and his Sisters	-	-	347 15 0
The Ordinary Income from Investments for the year amounted to	-	-	£367 14 10
Return of Income Tax for last three years to	-	-	59 2 2
Subscriptions received from the public to	-	-	38 12 9
Thus raising the gross Income to	-	-	£465 9 9
The Ordinary Expenditure during the year for the benefit of patients was	£292	1 3	
And the Expense of Management was	-	-	12 0 7
Making the Total Expenditure	304	1 10	
Surplus of Income over Expenditure	161	7 11	
Amount of Fund at 30th September 1913	-	-	£10,810 4 6

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CRAIG HOUSE-CENTRAL BILLIARD ROOM



The total number of patients relieved during the year was 29, and the number on the roll at the close of the year was 28.

Along with the Account of the Charity Fund, the Committee beg leave to submit the Account of the Treasurers' Intromissions with the Bevan Trust Fund.

At 30th September 1912 the Fund amounted to	-	-	-	-	-	-	£12,658	11	8
The Ordinary Income during the year amounted to	-	£449	2	4					
Return of Income Tax for last three years	-	-	78	3	9				
Total Income	-	£527	6	1					
The Ordinary Expenditure for the benefit of patients was	£396	5	9						
Expense of Management	16	1	11						
			412	7	8				
Surplus of Income over Expenditure	-	-				114	18	5	
Amount of Fund at 30th September 1913	-	-	-	-	-	£12,773	10	1	

The number of patients relieved during the year was 31, and the number on the roll at the close of the year was 26.

It will be observed that the surplus income in both cases is largely due to the recovery during the year of the Income Tax paid during the last three years.

JAMES A. RUSSELL,

*Convener.*



## Physician-Superintendent's Annual Report for the Year 1913.

MY LORD PROVOST AND GENTLEMEN,

I have the honour to submit the  
Physician-Superintendent's Report for the year 1913.

On the 1st day of January the total number of patients on the Register was 784; and on the last day of the year, 796. There was thus an increase of 12 patients.

The number of Admissions was 238, of Discharges 142, and of Deaths 82; and a summary of these changes in the population is given in the following table:—

	M.	F.	Total.
On the General Register, 1st Jan.			
1913 - - - -	373	411	784
Admitted - - - -	125	113	238
<hr/>			
Under Treatment during the Year	498	524	1,022
Discharged—Recovered - -	29	30	59
Discharged—Unrecovered -	41	44	85
Died - - - -	45	37	82
<hr/>			
Removed during the Year -	115	111	226
Remaining on General Register,			
31st Dec. 1913 - - - -	383	413	796

### THE ADMISSIONS.

The total number of admissions was 238, or 16 more than in the previous year, and 59 more than in the year 1911.

No deductions can be drawn from these figures as to the amount of Mental Disease that exists, or whether there is an increase in the proportion of the insane to the total population or not. Since the removal of the Edinburgh parochial patients to Bangour, the Royal Mental Hospital has become every year more appropriated to the care and treatment of private patients.







CRAIG HOUSE AVENUE



Of nearly eight hundred patients (796) resident at the two separate establishments—Craig House and the West House—nearly five hundred (495) are private patients. These are drawn from all parts of Scotland and from England, and no estimate of the amount or proportion of insanity can therefore be made.

Sir Arthur Mitchell thirty years ago, quoting from early documents, pointed out that this Mental Hospital "although intended more immediately for Edinburgh and its neighbourhood, is also to be regarded as a National Institution in the widest sense of that term," admitting patients "from whatever quarter they may be sent," and that on this ground subscriptions for its erection had been received, "even from the most distant parts of the British Empire." It is interesting to note, as a result of the reputation it has acquired by its management in the past, how well it is now fulfilling this object of the original contributors.

#### THE CAUSES OF INSANITY.

Among the causes of Insanity, hereditary influences occupied the most important place, and were found to be present in 40 per cent. of the cases.

Senile decay was also a very noticeable feature last year. Of 238 admissions there were 40 persons above 65, and no less than 26 of these were above 70 years of age, or nearly one in every nine admitted. The conclusion, of course, cannot be drawn from these figures that insanity is occurring more frequently among aged persons than was formerly the case. The Census of 1911 has, however, shown us that there is a decided increase in the population above 55 years of age, and the ratio of insane persons to the population living at each age period rises steadily with the increase of age, and stands very high at 65 and above. The true explanation of the large number of aged admissions is the recognition of marked senile confusion and deterioration as a form of certifiable insanity, and the knowledge that in no other Institution is the nursing and care of these feeble and helpless, but often troublesome, patients better provided for than in our Mental Hospitals.

The commonest cause was again alcohol. It was believed to have excited the attack in 12.5 per cent. of the male cases, in

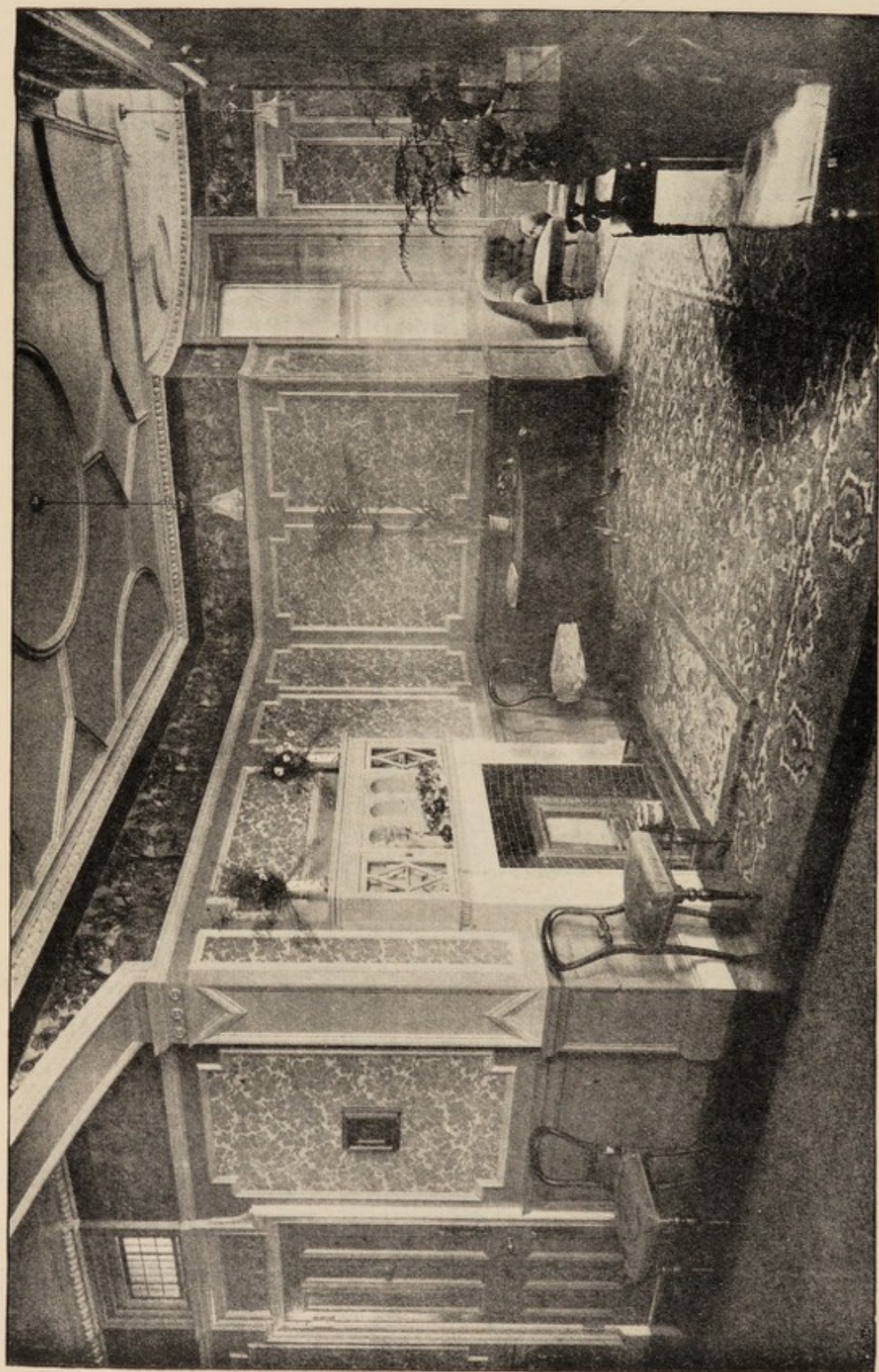


11.5 per cent. of the female, and 12.1 of the total number. The percentage for men is less, while that for women is greater than it has been during the last six years, and the percentage for the two sexes approximate more closely to one another than before. In addition to the above, in 12 per cent. of the male admissions excessive indulgence in alcohol was believed to have been a contributory or predisposing factor, though not the most important or exciting cause. It would thus appear that one fourth of the male patients drank to excess. Whatever views may be held as to the exact part alcohol plays in the causation of insanity, and there is room for much difference of opinion on this point, everyone must admit that it is a deplorable medical and sociological fact, that one fourth of the men, all of whom were liable to insanity, as events proved to be the case, were taking alcohol to excess. In only two women, apart from those already mentioned as suffering from obvious alcoholic insanity, was information obtained of over-indulgence. This must have been very short of the true number.

The fourth most frequent cause of insanity in our records is syphilitic infection, which in the case of men occupies a position second only to hereditary influences and equal in importance to alcoholic excess. Seven years ago a complicated reaction was devised, by which the presence of this disease could be discovered, and this test has been extensively applied to children and adults seeking treatment in hospitals, and also to the admissions in certain mental hospitals. Evidence has thus been obtained that among the sick and the weakly attending hospital the disease exists in latent and unsuspected form in a considerable percentage. It is, however, in nervous and mental diseases that the most surprising information has been obtained. At the Glasgow Mental Hospital at Gartloch, where such researches have been systematically carried out, it was found that a fourth of the women admitted there suffered from this disease, and considerably more than a third of the men. Dr Kate Fraser and Dr Watson also examined 200 cases of mental deficiency in young subjects, and found that more than a half of these, of every grade of severity, also suffered from it. The astounding nature of this revelation can be judged by the fact that if any standard work on mental deficiency be consulted, the statement is made that this disease is not an important cause of idiocy or imbecility, and that 5 per cent. would more







CRAIG HOUSE—RECESS IN CORRIDOR



than cover the cases to be attributed to it. In this group of defectives the disease is, of course, an innocently acquired infection, and for their sakes, if not for the sake of all sufferers, it is hoped that adequate measures will be recommended by the Royal Commission, as has been done for other infectious diseases. The Mental Deficiency Act will be most useful and is much needed; but, pressing as the proper care of defectives is, prevention is still more important, and I feel certain before very long steps will be initiated by which in the end this disease will be abolished from the land. When this is done, some of the most fatal forms of preventible insanity, and a large percentage of cases of mental deficiency will cease to occur.

#### THE INSANITIES OF THE EARLY, MIDDLE, AND LATER PERIODS OF LIFE.

It is important to note that these four causes of insanity which have been mentioned operate at different age periods. Insanity in which the hereditary factor is most prominent usually develops during adolescence and early adult life, and almost always appears before the age of 35. Insanity which is mainly the result of senile or premature decadence develops after 55 years of age, and is most marked after 65. The other two preventible factors mentioned operate during the middle period of life, and it is at this time also that the pressure of modern civilisation and the struggle for existence make most demands upon the nervous system. The first period is that of the hereditary insanities, and the last that of the insanities of decay. The middle period is that of the acquired insanities, and it is important for this reason, that measures taken for the prevention of insanity are then most likely to prove successful. One half of the insanity that occurs in men between the ages of 35 and 55 is largely preventible, and is mainly due to the two causes which have been mentioned, and from the report of the last census it appears that insanity at this period is becoming less frequent.

#### THE DISCHARGES.

Fifty-nine patients were discharged as recovered, and 81 as unrecovered. The recovery rate was thus 25 per cent. of the total number of admissions. In the previous year it was only



1 per cent. more, and it was pointed out that the lowness of the rate was partly due to the large number of senile patients among the admissions in 1912. There were then only 18 persons admitted over 70 years of age, and 28 over 65, whereas last year these numbers had swelled to 26 over 70, and 40 over 65 years of age, an increase of over 40 per cent.

The number of cases discharged as unrecovered, which includes the relieved and the not improved, is very high, and there is little doubt that some of them might have been placed among the recovered, had the test of recovery employed been a less severe one.

#### DEATHS.

The total number of deaths was 82. This is in the proportion of 10·6 on the average number resident, and it is higher than it has been for 5 years. Twenty-two of these deaths were due to general paralysis, 7 to consumption, and 4 to cancer, and 33 of those who died were over 60 years of age.

#### THE NATION'S SANITY.

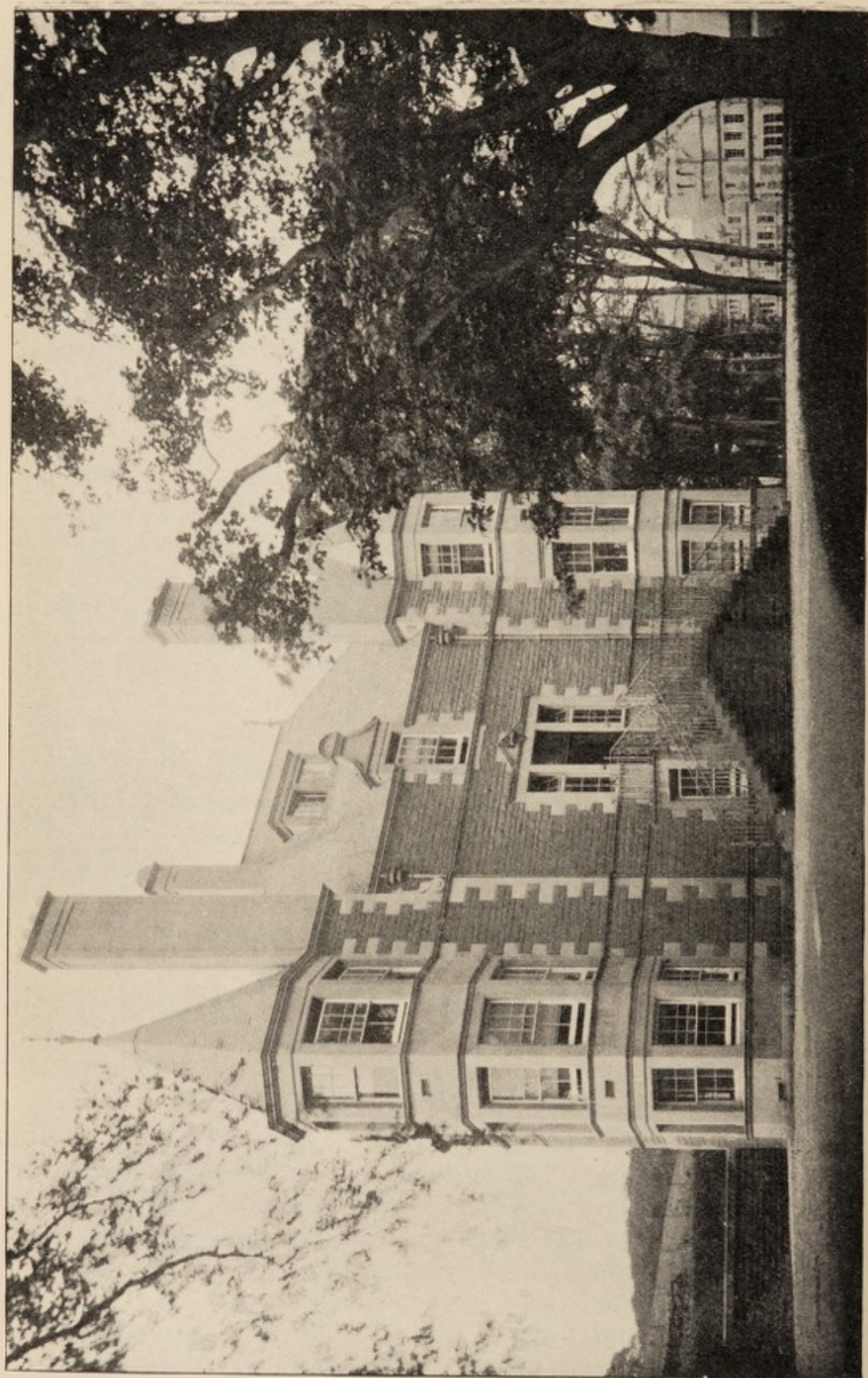
Having reviewed the statistics of the institution, I pass this year, with the help of the reports of the 1911 census, to attempt to answer the question—Is insanity increasing?

It is known to everyone that the actual number of the insane has increased during the last decade. There were 15,719 persons returned as lunatics at the last census, an increase of 2,051, or 15 per cent. above the number registered at the previous census. As the general population had only increased 6·5 per cent. during the interval, the increase in the number of the insane was more than could be accounted for by the growth of the population. As a matter of fact, the frequency of insanity per 1000 of the population had increased from 3·056 in 1901, to 3·302 in 1911. These figures are, however, far from being a conclusive answer to the question under consideration.

The first objection that is taken to this calculation of relative frequency is the inclusion of the population living from birth to 15 years of age. This numbers well over a million and a half, or nearly a third of the total population, but it produces only 17 insane persons. For practical purposes it is not an insanity producing age, and the best procedure is to









exclude it altogether from our calculations. The error that its inclusion introduces is this, that if the proportion of the population living under 15 to the total population goes up, it reduces the frequency of insanity in the total population; and if it goes down, it increases the frequency, without in either case removing or adding one person to the number of the insane. Owing to the fall in the birth-rate in recent years the population under 15 years at the last census decreased in proportion to the total, and under the age of 5 it decreased in actual numbers, which has had the effect of sending up the calculated frequency of insanity in the total population.

In the next place, it is not sufficiently realised to what an extent insanity is a mere question of age, and this is brought out in the following table, which is adapted from the census report.

*Relative Frequency of Insanity per 10,000 of the Population  
Living at each Age Group.*

Age.	Frequency.	Age.	Frequency.
0-4 - - -	0	25-34 - - -	33
5-9 - - -	$\frac{1}{10}$	35-44 - - -	57
10-14 - - -	$\frac{1}{3}$	45-54 - - -	82
15-19 - - -	4	55-64 - - -	99
20-24 - - -	15	65-74 - - -	97

From this table it will be seen that the number of insane persons in proportion to the population living of the same age between the ages of 55 and 74 is about three times greater than it is between 25 and 34, six times greater than between 20 and 24, twenty-five times greater than between 15 and 19, and a thousand times greater than between the years of 5 and 9. I may add that the figures relating to the age when the first attack of insanity occurs also show that the liability to breakdown mentally tends to increase with increasing years, so that the frequency rate in the table is not a mere question of accumulation.

#### STATISTICAL FALLACIES.

It is obvious from these considerations that, if there be an alteration in the proportionate number at the different age groups in two census years, a calculation of the frequency of insanity in the whole population will be very misleading for



purposes of comparison. This is exactly what has happened in Scotland, and the changes are such as make it appear that there is an increase in the amount of insanity. Owing to emigration, the population between the years of 15 and 34 has decreased in number proportionately to the whole,—between 15 and 30, the numbers are actually less than they were at the previous census. These are the years that produce least insanity, and the effect of this movement of the population is therefore to create an apparent increase of insanity in the total population. On the other hand, there is an actual and proportionate increase of the population above 54 years of age, the period of life at which persons are most liable to insanity, and the effect of this also is to add to the apparent increase of insanity. These and others factors in the calculation are well known to experts, but the general public has not grasped the fact that a diminishing marriage-rate, birth-rate, and death-rate, and a great emigration of young adults, have a most disturbing effect on the apparent amount of insanity in the total population.

When asking the question "Is insanity increasing?" what the public want to know is whether the liability to insanity is greater than it formerly was. It cannot be answered in a simple way by dealing with the population as a whole or as a homogeneous unit. I shall, however, give as direct an answer as possible, but I shall divide the population in four groups.

I. *Children's Group.*—0-14 years (1,536,637 persons).

The first group, comprising over a million and a half of persons under 15 years of age or a little less than a third of the total population, need not be considered at all, as the amount of insanity at this age is negligible. There were eleven insane persons enumerated in the previous, and seventeen in the last census, of whom three at least were really imbeciles or idiots, and erroneously recorded. The increase of population at this period at the last census only amounted to 41,247.

II. *Early Adult Group.*—15-34 years (1,623,494 persons).

The second group, consisting of persons between 15 and 34 years of age, comprises rather more than a third of the total population. There is a slight increase of insanity at this



period from a frequency of 1·878 at the previous census to 2·008 per 1,000 now. Allowing for the increase of the population, which only amounted to 39,989, this is estimated to correspond to an increase of 149 insane persons. It is at this period that the hereditary insanities chiefly appear, but no conclusions can be drawn, because, owing to the amount of emigration, the population from 15 to 29 years of age, instead of increasing 90,000 or more, actually decreased in number. As strict immigration laws are now in force, it may be assumed that almost all those who emigrated were in good health and of sound mind, whereas those mentally affected have stayed with us, and this residuum may account for the slight increase in the proportion of the insane. If 80,000 sane emigrants of this age period had remained at home, there would have been no increase of insanity.

### III.—*Middle Age Group.*—35-54 years (1,047,100 persons).

The third group comprises the middle period of life, subject to the acquired or preventible insanities, and includes more than a million persons. The frequency of insanity during this important period is less than it was at the previous census, and has fallen from 7·06 per 1,000 to 6·776. Allowing for the increase of the population, which is very considerable and amounts to 138,432, there is an estimated decrease of 303 insane persons. As it is during this period that the nervous stresses of modern civilisation are chiefly borne, and the penalties for alcoholic and other excesses are usually paid, the fears of those who regard the race as becoming decadent and succumbing to these conditions are found to be groundless. There is no clear proof that the exactions of a strenuous life tend to increase the amount of insanity, and there is evidence to the contrary. Insanity is most prevalent, not in busy cities, but in rural districts with a stationary or falling population, but the reason for this greater prevalence may be the emigration of the young and the fit.

### IV. *Old Age Group.*—55 and upwards (553,294 persons).

The fourth group consists of those who are 55 years of age and upwards. It contains a population of over half a million, and at this period the insanities due to either premature or



natural decay are those most frequently met with. It was found at the last census that insanity at this period had become decidedly more prevalent, and its frequency had risen from 8·786 to 9·640 per 1,000. Allowing for the increase of population, which was very considerable (68,466), it is estimated that there were 467 more persons who were insane at this period than at the previous census.

The reduction of the death-rate and the prolongation of life may have been the means of intensifying the invalidism of this period, but it is probable that there is a wholly different explanation of the apparent increase of senile insanity. The children of these aged patients no longer marry and settle down beside them, but, thanks to modern facilities and the spirit that is abroad, scatter over the country or emigrate. The duty of caring for their aged parents, therefore, in many cases falls in time on the authorities, and they have found that if certifiable, they are better cared for in the infirm wards of mental hospitals than anywhere else. The increase of insanity at this period probably means little more than a different method of caring for the aged, in its nature an acknowledgement of the improvements in our mental hospitals, and an indication of social changes but not of mental disease. Our own admissions last year appear to confirm these deductions.

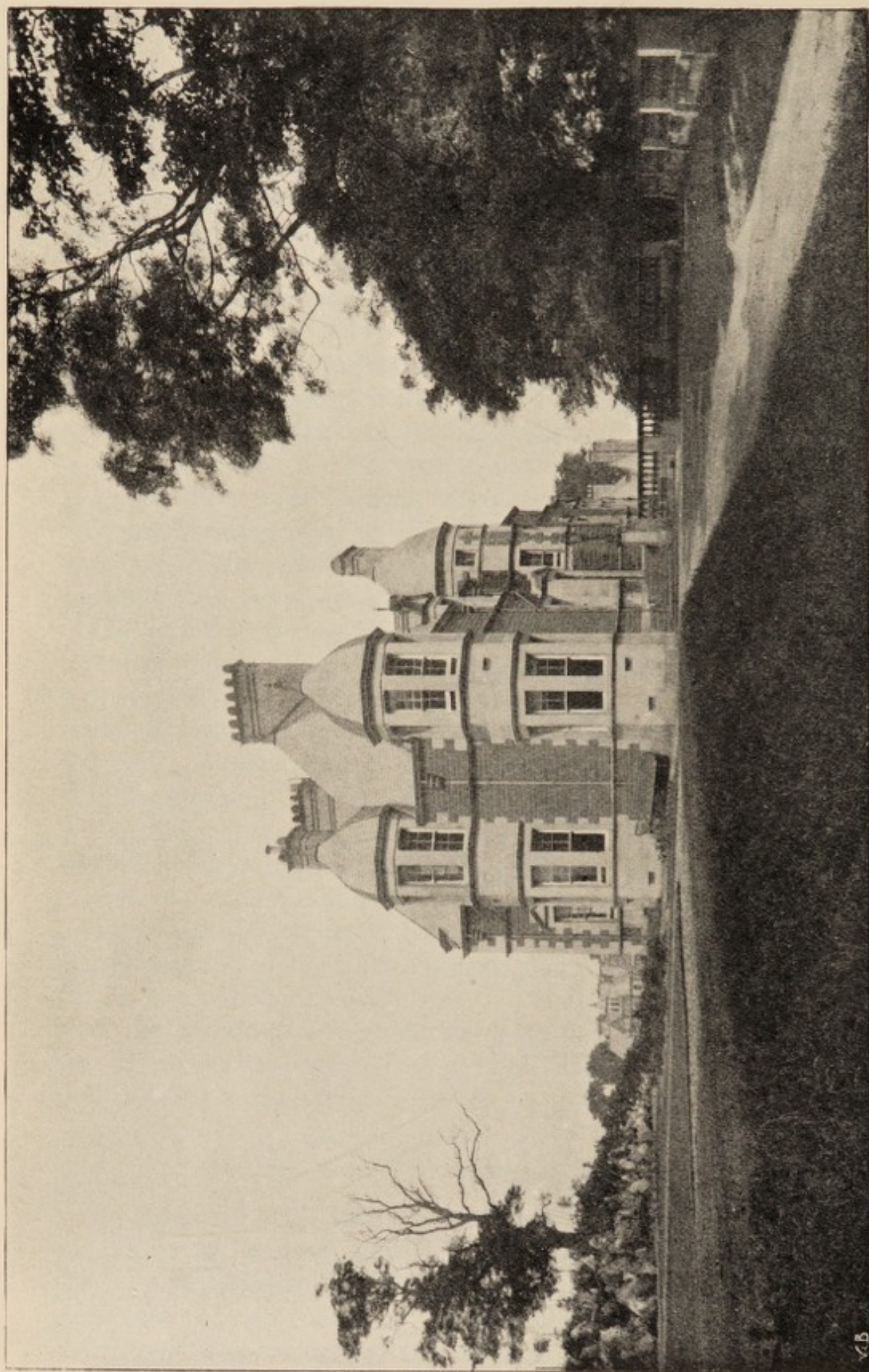
In conclusion, it is found that there has been during the last decade a proportionate increase in the number of insane persons living during the early adult and late period of life, but a decrease during the middle period. There is reason to believe that the liability to suffer from mental disease may not have increased at the early and late periods, and may have diminished during the period of middle age. It is at this middle period that the acquired or preventible insanities chiefly occur and the effects of temperance, self-control, adequate nourishment, and healthier surroundings would first appear.

#### “FIELD WORK” IN MENTAL DISEASE.

It is known that the Royal Mental Hospital maintains a laboratory of its own, and expends about £750 a year on clinical and pathological researches, for the purpose of investigating the nature of insanity. Last year I had the honour for, the second time, to deliver the Morison Lectures on Insanity,









which were mainly based upon our laboratory work on the nature of general paralysis. A new departure has been made this year, and the Institution is paying for the working expenses of a physician, who receives a grant from the Carnegie Trust, whose sole duty it is to visit the homes and families of the parochial patients sent to the Institution. For the first time in this country, a detailed investigation by the personal inspection and inquiries of a medical man is being made into the possible hereditary and environmental causes of the insanity of the cases admitted. Such an investigation, while extending and making for the accuracy of our information, cannot fail to throw light on the causation of insanity in general, and of acquired insanity in particular, and, in the event of our patients being discharged, may be the means of suggesting such measures as will prevent many from relapsing into insanity again.

#### THE ROYAL MENTAL HOSPITAL.

It is surprising how ignorant many of the inhabitants of Edinburgh, well informed in other matters relating to their city, are of the Mental Hospital in their midst. This is probably due to the fact that extreme privacy is maintained for the sake of the patients. The original establishment was built by voluntary subscriptions, and during the 100 years the Institution has been serving the public, it has succeeded so well that it is now of great size and importance and quite self-supporting. It is managed by an independent Board, many of whom are members in virtue of high official position. The President of the Royal College of Physicians, for example, is a member, and it was a former President who originally proposed the establishment of a mental hospital. The Annual Meeting is presided over by the Lord Provost, and a former Lord Provost was Chairman of the original Committee which advocated the scheme. The Principal of the University is on the Board, and is the successor of a former Principal who penned one of the first appeals to the public for subscriptions. The Institution is therefore most closely bound up in origin and in government with the other great corporations of the city.



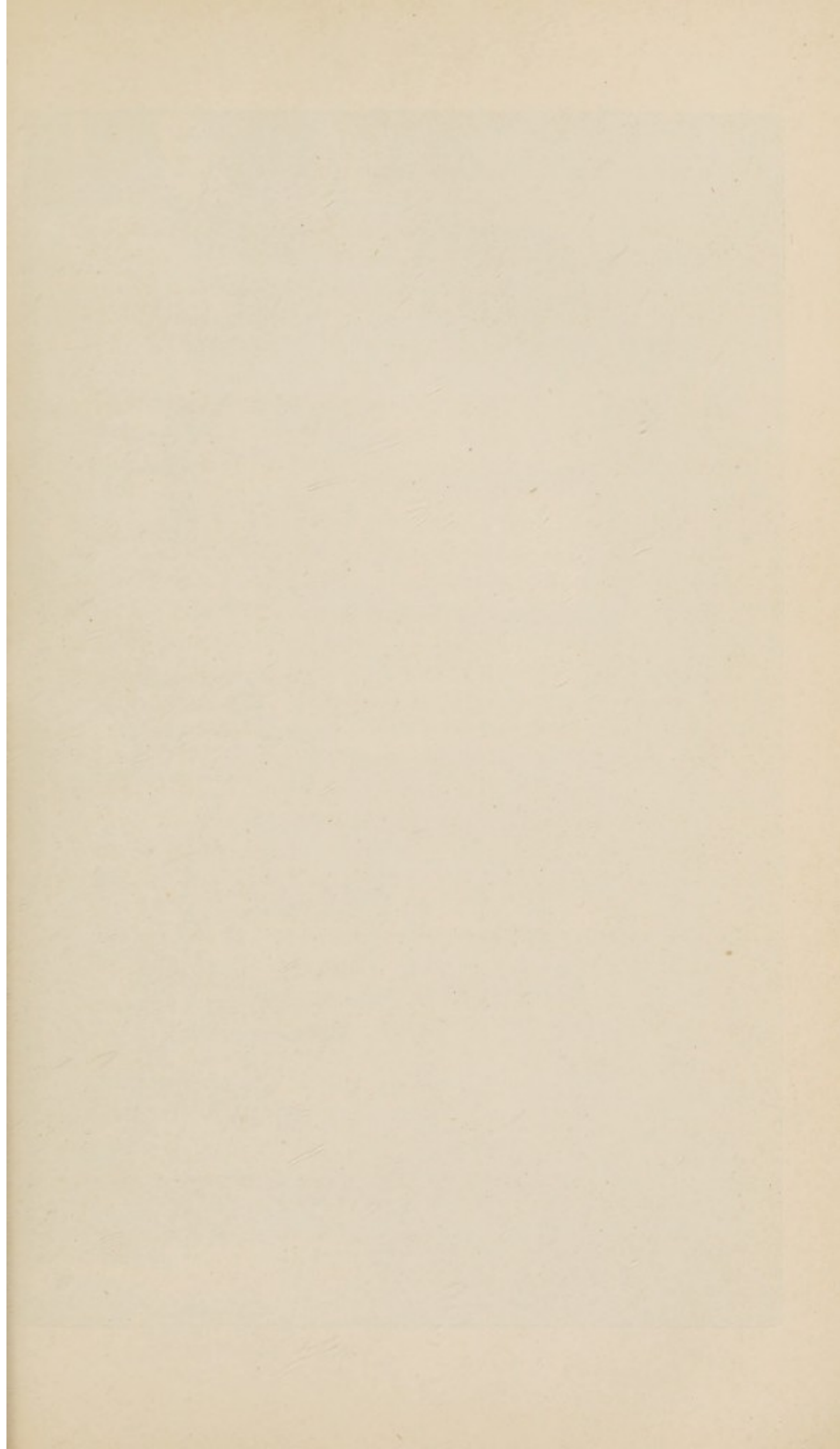
## CRAIG HOUSE.

Craig House and the West House are quite distinct establishments in separate grounds. The former is entirely devoted to private patients paying the higher rates of board (£2 a week and upwards) and every form of accommodation is provided. The number of admissions last year was greatly in excess of the average, and the number of patients treated was higher than it has ever been.

An interesting event last year was a luncheon given by the managers to a deputation of thirty Russian physicians engaged in the care of the insane, who had attended the International Medical Congress. Some observations made to me by the two leaders of this party may be recorded. Professor Serbsky informed me that the system and the accommodation for the treatment of mental disease at Craig House were the most impressive things he had seen in this country. Professor Bagenoff begged to amend this statement. He said he was very glad his pupils had been fortunate in seeing in actual form what would serve as an ideal to them ever after. What impressed him most, however, was the degree of culture that must exist in a country in which such things were rendered possible, for the treatment accorded to the insane was a reliable test of a country's civilisation. In my own opinion this applies with greater accuracy to the care of the rate-paid insane, and Scotland has every reason to be satisfied with the reputation it has gained by the treatment given to this class in the District Asylums of the country.

## THE WEST HOUSE.

The West House provides accommodation for private patients paying low rates of board, and for the parochial patients of Edinburgh, Leith, and Orkney. The Managers have every year lately spent considerable sums in improving this establishment, and last year a new kitchen was fitted up and hot plates were placed in all the dining-rooms at a cost of £1,600. In the coming year it is expected that electric lighting and a system of hot-water heating will be installed. A very great deal has been done for the patients in this department in recent years, and the benefits conferred on them have had the result of adding to their quietude and contentment as well as to their health.









## THE STAFF.

Dr Dods Brown, the senior Assistant Physician, received last year the promotion which he had earned by his good work, and was appointed Physician-Superintendent of the James Murray's Royal Asylum, Perth. He is succeeded by Dr Alexander Neill, who has been an Assistant Physician here for over six years.

Dr Winifred Muirhead (Mrs Montgomery) also resigned last year on her marriage. For five years she had been Pathologist to the Institution, and organised on very satisfactory lines the new laboratories, &c., provided by the Managers. Her work was most methodical and accurate, and was of the greatest help in the treatment of the patients. She is succeeded by Dr Williamina Abel, who has had a great deal of laboratory experience, and has done some valuable researches.

Dr Donald Ross, the third Assistant, was deservedly promoted senior Assistant of the Glasgow Royal Mental Hospital. Dr Bedford, for a short time, the junior Assistant, received an appointment in the Lancaster County Asylum. To these vacant posts Dr Henry Yellowlees and Dr Bell Emslie, who have both had previous hospital and asylum experience, and are highly recommended, have been appointed.

## THANKS.

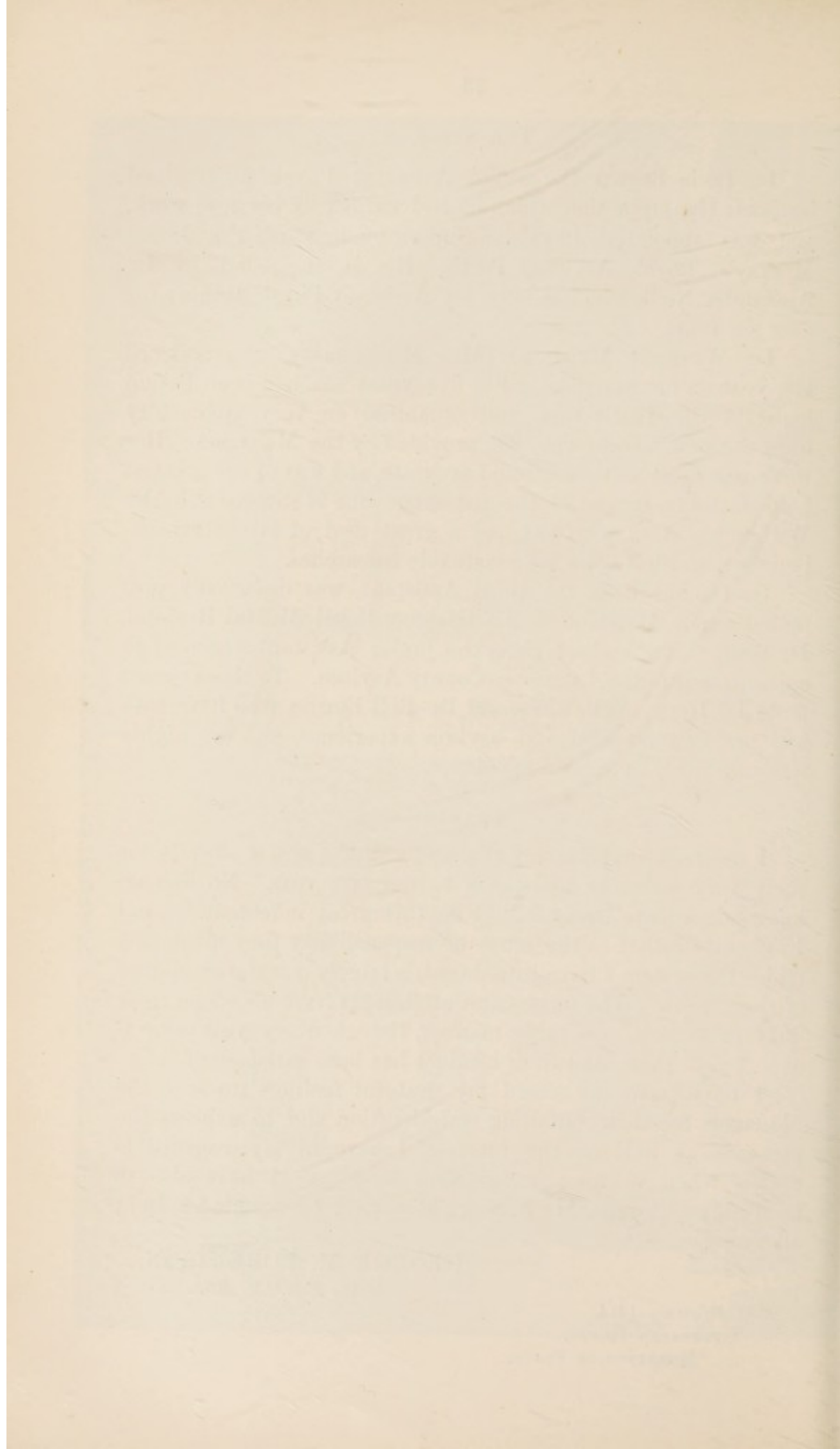
I desire to express my thanks to all the senior officials for their very valuable assistance to me last year. No one acknowledges more freely than I do this great indebtedness, and I am certain that to the sense of responsibility they must feel, under the system I have introduced, is largely due the excellence of their work. The nurses and attendants have also done their duty in a most creditable manner, though every year more is expected of them, and their conduct has been satisfactory.

I have again to record my grateful feelings towards the Managers for their unfailing consideration and to express the pleasure, as well as the interest, I have in my responsible duties, when working under such auspices. I have also to thank my colleague, Mr R. Scott Moncrieff, for his kind help at all times.

GEORGE M. ROBERTSON,  
M.D., F.R.C.P. ED.

23rd February 1914,  
TIPPERLINN HOUSE,  
MORNINGSIDE PLACE.





STATISTICAL TABLES

OF THE

MEDICO-PSYCHOLOGICAL ASSOCIATION,

PREPARED BY THE

ASSISTANT PHYSICIANS.



TABLE I.—*Showing the Admissions, Re-Admissions, Discharges, and Deaths during the Year ending 31st December 1913.*

	M.	F.	T.	M.	F.	T.
In the Asylum, January 1, 1913 ...	369	401	770			
Absent on Probation, January 1, 1913	4	10	14			
Total ...	...	...	...	373	411	784
Cases Admitted—						
First Admissions ...	97	92	189			
Not First Admissions ...	28	21	49			
Total Cases Admitted during the year	...	...	...	125	113	238
Cases Discharged—						
„ Recovered ...	29	30	59			
„ Relieved ...	31	36	67			
„ Not Improved ...	10	8	18			
Died ...	45	37	82			
Total Cases Discharged and Died during the Year ...	...	...	...	115	111	226
Absent on Probation, Dec. 31, 1913	4	9	13			
Remaining in the Asylum, Dec. 31, 1913 ...	379	404	783			
Total ...	...	...	...	383	413	796
Average number Resident during the year 1913 ...	...	...	...	374·9	397·8	772·7
Persons* under care during the year	...	...	...	484	519	1003
Persons Admitted „ „	...	...	...	119	111	230
Persons Recovered „ „	...	...	...	29	29	58
Transferred to this Asylum „ „	...	...	...	4	5	9
„ from „ „	...	...	...	6	7	13
Private Patients at close of 1913—						
Craig House ...	101	127	228			
West House—Intermediate†...	92	100	192			
„ Lowest Board ...	30	45	75			
Number of Parochial Patients chargeable to Districts at close of 1913†—				223	272	495
Edinburgh ...	53	49	102			
Leith ...	90	65	155			
Orkney ...	20	31	51			
Parishes beyond District at close of 1913 ...	2	3	5	165	148	313

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

† NOTE.—Those whose Board is so supplemented by the Charity or Bevan Funds, or from private sources, as to equal £45, are reckoned here as Intermediate. These include five male and seven female parochial patients, whose boards are supplemented by the charity funds or private sources.

TABLE I A.

*Showing the Number of Previous Attacks among Persons admitted during the Year 1913, distinguishing those Attacks that have been treated to Recovery in this and other Asylums or elsewhere.*

Number of Previous Attacks.	Persons.			Attacks.					
				Recovered from in this Asylum.			Recovered from in other Asylums or elsewhere.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.
Have had 1 previous Attack	18	24	42	9	12	21	9	12	21
„ 2 „ Attacks	6	3	9	9	3	12	3	3	6
„ 3 „ „	1	1	2	3	3	6	0	0	0
„ 4 „ „	0	1	1	0	4	4	0	0	0
„ 5 „ „	1	0	1	0	0	0	5	0	5
„ 6 „ „	1	1	2	6	6	12	0	0	0
Total ...	27	30	57	27	28	55	17	15	32



TABLE II.

*Showing the Admissions, Re-Admissions, Discharges, and Deaths for the Forty-one Years from 31st December 1872 to 31st December 1913.*

	M.	F.	T.	M.	F.	T.
Persons admitted during the period of Forty-one years ... ..	5536	5816	11,352			
Re-admissions ... ..	1419	1703	3122			
Total Cases admitted ... ..				6955	7519	14,474
Discharged Cases—						
Recovered ... ..	2410	2888				
Relieved ... ..	1823	2058				
Not Improved ... ..	699	609				
Died ... ..	1645	1558				
*Total Cases Discharged and Died since 31st December 1872 ... ..				6577	7113	13,690
Remaining 31st December 1913				378	406	784
Transferred to this Asylum ... ..				315	286	601
„ from „ ... ..				1136	1211	2347

\* These figures refer only to cases admitted since 31st December 1872.

TABLE III.—Showing the Admissions, Discharges, and Deaths, with the Mean Annual Mortality, Proportion of Recoveries per cent. on the Admissions for each Year since the Opening of the Asylum.

YEARS.	Admitted.			Discharged.						Died.			Remaining December 31.			Per Centage of Recoveries on Admissions.			Per Centage of Deaths on Total Nos. under Treatment.		
	M.		T.	Recovered.			Not Recovered.			M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
				M.	F.	T.	M.	F.	T.												
From Oct. 17, 1813, to Dec. 31, 1831,	..	..	265	..	..	102	..	..	118	..	..	9	..	..	36	..	..	38.4	..	..	1
From January 1, 1832, to December 31, 1836,	49	31	80	16	13	29	16	7	23	11	7	18	25	21	46	32.6	41.9	36.2	34.7	24.6	29.6
1837,	7	6	13	2	2	4	3	4	7	4	1	5	23	20	43	28.5	33.3	30.7	12.5	3.7	8.4
1838,	12	11	23	6	7	13	2	4	6	2	2	4	25	18	43	50	63.6	56.5	5.7	6.4	6
1839,	4	5	9	2	2	4	4	2	6	2	1	3	21	18	39	50	40	44.4	6.8	4.3	5.7
1840,	4	8	12	2	1	3	1	2	3	3	3	6	19	20	39	50	12.5	25	12	11.5	11.7
1841,	28	13	41	5	11	16	1	3	4	1	0	1	40	19	59	17.8	84.6	39	2.1	0	1.2
1842,	73	81	154	19	13	32	3	7	10	6	3	9	85	77	162	26	16	20.7	5.3	3	4.2
1843,	104	108	212	26	24	50	8	12	20	10	10	20	146	138	284	25	22.2	23.5	5.2	5.4	5.3
1844,	83	79	162	38	52	90	21	12	33	11	9	20	159	144	303	45.7	65.8	55.5	4.7	4.1	4.4
1845,	123	130	253	36	45	81	18	14	32	20	18	38	208	197	405	29.2	34.6	32	7	6.5	6.8
1846,	107	90	197	62	39	101	17	22	39	25	19	44	211	207	418	57.9	43.3	51.2	7.9	6.6	7.3
1847,	134	117	251	51	47	98	23	14	37	36	32	68	235	231	466	38	40.1	39	10.4	9.8	10.1
1848,	126	120	246	68	61	129	20	22	42	44	24	68	228	245	473	53.9	50.8	52.4	12.1	6.8	9.5
1849,	109	156	265	42	77	119	29	35	64	42	37	79	224	252	476	38.5	49.3	44.8	12.4	9.2	10.7
1850,	126	127	253	47	65	112	31	24	55	26	38	64	246	252	498	37.3	51.1	44.2	7.4	10	8.7
1851,	132	116	248	52	67	119	35	26	61	31	19	50	260	256	516	39.3	55	47.9	8.2	5.1	6.7
1852,	129	118	247	58	43	101	26	29	55	30	34	64	275	268	543	44.9	36.4	40.8	7.7	9	8.3
1853,	103	133	236	58	50	108	21	28	49	36	41	77	263	282	545	56.3	37.5	45.7	9.5	10.2	9.8
1854,	98	114	212	28	66	94	47	26	73	24	27	51	262	277	539	28.5	57.8	44.3	6.6	6.8	6.7
1855,	109	114	223	46	49	95	44	42	86	24	38	62	257	262	519	42.2	42.9	42.6	6.4	9.7	8.1
1856,	117	141	258	42	66	108	29	47	76	20	23	43	283	267	550	35.8	46.8	41.8	5.3	5.7	5.5
1857,	178	130	308	49	61	110	32	21	53	33	23	56	347	292	639	27.5	46.9	35.7	7.1	5.7	6.5
1858,	118	117	235	47	44	91	29	38	67	48	26	74	342	300	642	39.8	37.6	38.7	10.3	6.3	8.4
1859,	118	98	216	28	40	68	24	23	57	43	17	60	355	318	673	23.7	40.8	31.4	9.3	4.2	6.9
1860,	108	150	258	36	62	98	45	50	95	45	25	70	337	331	668	33.3	41.3	37.9	9.7	5.3	7.5
1861,	120	121	241	39	40	79	37	49	86	37	28	65	344	335	679	32.5	33	23.7	8	6.1	7.1
1862,	125	121	246	27	43	70	43	51	94	42	32	74	357	330	687	21.6	35.5	28.4	8.9	7	8
1863,	104	116	220	26	51	77	44	46	90	44	24	68	347	325	672	25	43.9	35	9.5	5.3	7.4
Totals and Averages from 1832 to 1864,	2648	2671	5319	958	1141	2099	663	660	1323	700	561	1261	..	..	..	36.1	42.7	39.4	7.8	6.1	7



TABLE III. (Continued).—The Admissions, Discharges, and Deaths, with the Mean Annual Mortality and Proportion of Recoveries per cent. on the Admissions for each Year during the Fifty Years, 1864-1913.

YEARS	Admitted.			Discharged.						Died.			Remaining Dec. 31.			Average Numbers Resident.						Percentage of Recoveries on Admissions.			Percentage of Deaths on Average Nos. Resident.			Percentage of Deaths on Total Nos. under Treatment.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
				Recovered.			Relieved.			Not Improved.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
																																		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	1864-1872*	1163	1284	2447	409	532	941	148	170	318	213	230	443	371	266	637	349.4	362.1	711.5	346.3	359.6	705.9	35.4	41.6	38.6	11.8	8.1	10.0	8.6	5.9	7.2	1873	107	153	260	61	84	145	22	30	52	18	13	31	40	25	65	335	404	739	347	400	747	57	54.9	55.7	11.5	6.2	8.7	8.5	4.5	6.4	1874	151	157	308	64	85	149	29	55	84	25	18	43	27	30	57	340	374	714	348.6	389.6	738.2	42.3	54.1	48.3	7.7	7.7	7.7	5.5	5.3	5.4	1875	148	162	310	68	85	153	37	37	74	10	8	18	36	29	65	335	374	709	338.6	384.3	722.9	45.9	52.4	49.3	10.6	7.5	9	7.3	5.4	6.3	1876	180	180	360	82	78	160	46	29	75	18	7	25	39	43	82	333	393	726	352.3	388	740.3	45.5	43.3	44.4	11	11	11.1	7.5	7.7	7.6	1877	174	168	342	85	85	170	34	54	88	11	9	20	28	35	63	349	384	733	341.26	395.56	736.82	48.8	50.5	49.7	8.2	8.8	8.5	5.5	6.1	5.8	1878	205	160	365	82	71	153	33	32	65	16	8	24	32	31	63	389	401	790	383.2	393	776.2	40	44.3	41.9	8.3	7.8	8.1	5.7	5.6	5.7	1879	173	172	345	73	100	173	27	20	47	13	19	32	34	27	61	414	407	821	405.3	407.3	812.7	42.1	58.1	50.1	8.3	6.6	7.5	6	4.6	5.3	1880	160	187	347	71	94	165	47	35	82	14	12	26	26	46	72	416	405	821	423.2	416.6	839.8	44.3	50.2	47.5	6.1	11.0	8.5	4.4	7.7	6.1	1881	162	177	339	77	86	163	32	62	94	9	7	16	40	27	67	421	401	822	420.8	411.8	832.7	47.5	48.5	48	9.5	6.5	8	6.8	4.6	5.7	1882	143	186	329	52	72	124	51	76	127	12	19	31	47	36	83	404	381	785	414.6	391.2	805.8	36.3	38.7	37.6	11.3	9.2	10.3	8.2	6.1	7.1	1883	164	189	353	62	71	133	27	58	85	11	2	13	36	40	76	425	402	827	423.4	402.9	826.3	37.8	37.5	37.6	8.5	9.9	9.2	6.3	6.9	6.6	1884	161	181	342	79	53	132	36	77	113	27	9	36	33	32	65	416	409	825	430.9	411.0	841.9	49.0	29.2	38.5	7.6	7.7	7.7	5.5	5.4	5.5	1885	139	165	304	41	58	99	65	87	152	12	7	19	42	35	77	394	393	787	414.6	393.1	807.8	29.4	35.1	32.5	10.1	8.9	9.5	7.5	6.0	6.7	1886	170	164	334	62	67	129	56	54	110	17	14	31	36	26	62	395	394	789	400.2	395.5	795.8	36.4	42.1	38.6	8.9	6.5	7.7	6.3	4.6	5.5	1887	185	180	365	74	58	132	45	79	124	15	11	26	47	23	70	393	390	792	404.8	397.8	802.7	40	32.2	36.1	11.6	5.7	8.7	8.0	4.0	6.0	1888	172	176	348	53	60	113	54	55	109	15	12	27	36	43	79	410	408	818	410.1	406.2	816.3	30.8	34.1	32.5	8.8	10.6	9.7	6.3	7.4	6.8	1889	172	151	323	55	43	98	61	54	115	24	11	35	31	46	77	410	407	817	415.1	409.2	824.3	32	28.5	30.3	7.5	11.2	9.3	5.3	8.2	6.7	1890	155	177	332	51	75	126	43	40	83	12	5	17	64	45	109	399	417	816	400.9	418.8	819.7	32.9	42.4	37.9	16	10.7	13.3	11.2	7.7	9.4	1891	191	179	370	73	60	133	40	57	97	18	10	28	48	66	114	411	404	815	416	413.6	829.6	38.2	33.5	35.9	11.5	16	13.8	8.1	11	9.6	1892	214	219	433	82	81	163	54	57	111	23	9	32	51	41	92	414	430	847	409.2	423.6	833	38.3	37	37.6	12.4	9.7	11	8.1	6.6	7.3	1893	215	211	426	73	116	189	45	61	106	19	13	32	65	45	110	430	413	843	425.4	423.4	848.8	34	55	44.4	15.2	10.6	13.0	10.3	7	8.6	1894	209	245	454	76	95	171	53	80	133	14	12	26	47	38	85	449	433	882	438.2	423.2	861.4	36.4	38.8	37.7	10.7	9	9.9	7.3	5.8	6.6	1895	188	222	410	85	85	170	62	60	122	10	10	20	54	42	96	426	458	884	438.4	443.5	881.9	45.2	38.3	41.5	12.3	9.4	10.9	8.6	6.5	7.5	1896	245	225	470	82	87	169	52	55	107	16	10	26	70	45	115	451	486	937	441.7	459.1	900.8	33.5	38.7	36.0	15.8	9.8	12.7	10.4	6.6	8.5	1897	203	208	411	61	95	156	83	85	168	11	11	22	53	50	103	446	453	899	437.9	448.6	886.5	30.0	45.7	38.0	12.1	11.1	11.6	8.1	7.2	7.6	1898	201	250	451	72	91	163	42	52	94	21	24	45	50	53	103	462	483	945	447.1	463.2	910.3	35.8	36.4	36.1	11.2	11.4	11.3	7.7	7.5	7.6	1899	212	216	428	76	96	172	41	43	84	44	56	100	55	50	105	458	454	912	462.5	445.1	907.6	35.9	44.4	40.1	11.9	11.2	11.5	8.1	7.2	7.7	1900	248	224	472	74	91	165	49	42	91	43	16	59	48	51	99	492	478	970	482.0	458.5	940.5	29.8	40.6	35.0	10.0	11.1	10.5	6.8	7.1	7.0	1901	215	226	441	48	87	135	96	50	146	20	25	45	63	60	123	480	482	962	470	470.3	940.5	22.3	38.5	30.6	13.4	12.7	13.0	8.9	8.5	8.7	1902	189	234	423	61	73	134	56	60	116	13	34	47	73	65	138	466	484	950	470.6	475.8	946.4	32.3	31.2	31.7	15.5	13.7	14.6	11.0	9.2	10.0	1903	196	215	411	67	80	147	67	73	140	11	15	26	64	55	119	453	476	929	457.9	459.3	917.2	34.2	37.2	35.8	13.9	11.9	13.0	9.7	8.0	8.8	1904	195	262	457	65	85	150	78	99	177	65	42	107	55	68	123	385	444	829	429.2	443.2	872.4	33.3	32.4	32.8	12.8	15.3	14.1	8.5
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
1864-1872*	1163	1284	2447	409	532	941	148	170	318	213	230	443	371	266	637	349.4	362.1	711.5	346.3	359.6	705.9	35.4	41.6	38.6	11.8	8.1	10.0	8.6	5.9	7.2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
1873	107	153	260	61	84	145	22	30	52	18	13	31	40	25	65	335	404	739	347	400	747	57	54.9	55.7	11.5	6.2	8.7	8.5	4.5	6.4																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
1874	151	157	308	64	85	149	29	55	84	25	18	43	27	30	57	340	374	714	348.6	389.6	738.2	42.3	54.1	48.3	7.7	7.7	7.7	5.5	5.3	5.4																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
1875	148	162	310	68	85	153	37	37	74	10	8	18	36	29	65	335	374	709	338.6	384.3	722.9	45.9	52.4	49.3	10.6	7.5	9	7.3	5.4	6.3																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
1876	180	180	360	82	78	160	46	29	75	18	7	25	39	43	82	333	393	726	352.3	388	740.3	45.5	43.3	44.4	11	11	11.1	7.5	7.7	7.6																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
1877	174	168	342	85	85	170	34	54	88	11	9	20	28	35	63	349	384	733	341.26	395.56	736.82	48.8	50.5	49.7	8.2	8.8	8.5	5.5	6.1	5.8																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
1878	205	160	365	82	71	153	33	32	65	16	8	24	32	31	63	389	401	790	383.2	393	776.2	40	44.3	41.9	8.3	7.8	8.1	5.7	5.6	5.7																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
1879	173	172	345	73	100	173	27	20	47	13	19	32	34	27	61	414	407	821	405.3	407.3	812.7	42.1	58.1	50.1	8.3	6.6	7.5	6	4.6	5.3																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
1880	160	187	347	71	94	165	47	35	82	14	12	26	26	46	72	416	405	821	423.2	416.6	839.8	44.3	50.2	47.5	6.1	11.0	8.5	4.4	7.7	6.1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
1881	162	177	339	77	86	163	32	62	94	9	7	16	40	27	67	421	401	822	420.8	411.8	832.7	47.5	48.5	48	9.5	6.5	8	6.8	4.6	5.7																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
1882	143	186	329	52	72	124	51	76	127	12	19	31	47	36	83	404	381	785	414.6	391.2	805.8	36.3	38.7	37.6	11.3	9.2	10.3	8.2	6.1	7.1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
1883	164	189	353	62	71	133	27	58	85	11	2	13	36	40	76	425	402	827	423.4	402.9	826.3	37.8	37.5	37.6	8.5	9.9	9.2	6.3	6.9	6.6																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
1884	161	181	342	79	53	132	36	77	113	27	9	36	33	32	65	416	409	825	430.9	411.0	841.9	49.0	29.2	38.5	7.6	7.7	7.7	5.5	5.4	5.5																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
1885	139	165	304	41	58	99	65	87	152	12	7	19	42	35	77	394	393	787	414.6	393.1	807.8	29.4	35.1	32.5	10.1	8.9	9.5	7.5	6.0	6.7																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
1886	170	164	334	62	67	129	56	54	110	17	14	31	36	26	62	395	394	789	400.2	395.5	795.8	36.4	42.1	38.6	8.9	6.5	7.7	6.3	4.6	5.5																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
1887	185	180	365	74	58	132	45	79	124	15	11	26	47	23	70	393	390	792	404.8	397.8	802.7	40	32.2	36.1	11.6	5.7	8.7	8.0	4.0	6.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
1888	172	176	348	53	60	113	54	55	109	15	12	27	36	43	79	410	408	818	410.1	406.2	816.3	30.8	34.1	32.5	8.8	10.6	9.7	6.3	7.4	6.8																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
1889	172	151	323	55	43	98	61	54	115	24	11	35	31	46	77	410	407	817	415.1	409.2	824.3	32	28.5	30.3	7.5	11.2	9.3	5.3	8.2	6.7																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
1890	155	177	332	51	75	126	43	40	83	12	5	17	64	45	109	399	417	816	400.9	418.8	819.7	32.9	42.4	37.9	16	10.7	13.3	11.2	7.7	9.4																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
1891	191	179	370	73	60	133	40	57	97	18	10	28	48	66	114	411	404	815	416	413.6	829.6	38.2	33.5	35.9	11.5	16	13.8	8.1	11	9.6																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
1892	214	219	433	82	81	163	54	57	111	23	9	32	51	41	92	414	430	847	409.2	423.6	833	38.3	37	37.6	12.4	9.7	11	8.1	6.6	7.3																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
1893	215	211	426	73	116	189	45	61	106	19	13	32	65	45	110	430	413	843	425.4	423.4	848.8	34	55	44.4	15.2	10.6	13.0	10.3	7	8.6																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
1894	209	245	454	76	95	171	53	80	133	14	12	26	47	38	85	449	433	882	438.2	423.2	861.4	36.4	38.8	37.7	10.7	9	9.9	7.3	5.8	6.6																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
1895	188	222	410	85	85	170	62	60	122	10	10	20	54	42	96	426	458	884	438.4	443.5	881.9	45.2	38.3	41.5	12.3	9.4	10.9	8.6	6.5	7.5																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
1896	245	225	470	82	87	169	52	55	107	16	10	26	70	45	115	451	486	937	441.7	459.1	900.8	33.5	38.7	36.0	15.8	9.8	12.7	10.4	6.6	8.5																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
1897	203	208	411	61	95	156	83	85	168	11	11	22	53	50	103	446	453	899	437.9	448.6	886.5	30.0	45.7	38.0	12.1	11.1	11.6	8.1	7.2	7.6																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
1898	201	250	451	72	91	163	42	52	94	21	24	45	50	53	103	462	483	945	447.1	463.2	910.3	35.8	36.4	36.1	11.2	11.4	11.3	7.7	7.5	7.6																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
1899	212	216	428	76	96	172	41	43	84	44	56	100	55	50	105	458	454	912	462.5	445.1	907.6	35.9	44.4	40.1	11.9	11.2	11.5	8.1	7.2	7.7																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
1900	248	224	472	74	91	165	49	42	91	43	16	59	48	51	99	492	478	970	482.0	458.5	940.5	29.8	40.6	35.0	10.0	11.1	10.5	6.8	7.1	7.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
1901	215	226	441	48	87	135	96	50	146	20	25	45	63	60	123	480	482	962	470	470.3	940.5	22.3	38.5	30.6	13.4	12.7	13.0	8.9	8.5	8.7																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
1902	189	234	423	61	73	134	56	60	116	13	34	47	73	65	138	466	484	950	470.6	475.8	946.4	32.3	31.2	31.7	15.5	13.7	14.6	11.0	9.2	10.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
1903	196	215	411	67	80	147	67	73	140	11	15	26	64	55	119	453	476	929	457.9	459.3	917.2	34.2	37.2	35.8	13.9	11.9	13.0	9.7	8.0	8.8																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
1904	195	262	457	65	85	150	78	99	177	65	42	107	55	68	123	385	444	829	429.2	443.2	872.4	33.3	32.4	32.8	12.8	15.3	14.1	8.5	9.4	9.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
Totals and Averages,	7005	7505	14510	2529	2999	5528	1644	1905	3549	809	693	1502	1777	1559	3336	399.1	409.8	808.9	400.7	407.5	808.2	37.4	41.4	39.4	11.1	9.6	10.2	7.8	6.4	7.1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														

\* For particulars see Report for 1868



TABLE III. (Continued).—The Admissions, Discharges, and Deaths, with the Mean Annual Mortality and Proportion of Recoveries per cent. on the Admissions for each Year during the Fifty Years, 1864-1913.

YEARS.	Discharged.												Died.			Remaining Dec. 31.			Average Numbers Resident.			Percentage of Recoveries on Admissions.			Percentage of Deaths on Average Nos. Resident.			Percentage of Deaths on Total Nos. under Treatment.		
	Recovered.						Relieved.						Not Improved.			M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
	M.	F.	T.	M.	F.	T.	M.	F.	T.																					
1905	200	228	428	53	84	137	68	38	106	6	8	14	39	77	116	419	465	884	412.5	457.7	870.2	26.5	36.9	32.0	9.4	16.8	13.3	6.7	11.4	9.2
1906	169	216	385	33	55	88	108	48	156	32	16	48	55	85	140	360	477	837	401.1	462.0	863.1	19.5	25.5	23.0	13.7	18.4	16.2	9.5	12.5	11.1
1907	154	163	317	35	50	85	43	97	140	28	75	103	40	43	83	368	375	743	355.2	376.5	731.7	22.7	30.7	26.8	11.3	11.4	11.3	7.8	6.7	7.2
1908	106	133	239	38	37	75	32	31	63	19	9	28	29	35	64	356	396	752	356.8	377.0	733.8	35.8	27.8	31.3	8.1	9.3	8.7	6.1	6.9	6.5
1909	97	112	209	24	43	67	17	37	54	12	14	26	36	26	62	356	396	752	352.5	383.8	736.3	24.7	38.4	32.1	10.2	6.8	8.4	7.9	5.1	6.5
1910	79	116	195	26	44	70	12	29	41	8	10	18	28	32	60	369	389	758	367.3	384.5	751.8	32.9	38.0	35.9	7.6	8.3	8.0	6.3	6.3	6.3
1911	76	103	179	23	30	53	28	26	54	3	10	13	34	30	64	357	396	753	357.8	390.2	748.0	30.3	29.1	29.6	9.5	7.7	8.6	7.8	6.1	6.9
1912	107	115	222	25	33	58	21	29	50	14	7	21	31	31	62	373	411	784	356.7	399.3	756.0	23.4	28.7	26.1	8.7	7.7	8.2	6.7	6.0	6.4
1913	125	113	238	29	30	59	31	36	67	10	8	18	45	37	82	383	413	796	374.9	397.8	772.7	23.2	26.6	25.0	12.0	9.3	10.6	9.0	7.1	8.2
Totals and Averages.	8118	8804	16922	2815	3405	6220	2004	2276	4280	941	850	1791	2114	1955	4069	334.4	410.2	805.8	333.5	409.0	802.5	34.4	38.3	36.6	10.9	9.7	10.1	7.9	6.5	7.1



TABLE IV.—Showing the History of the Annual Admissions since the Opening of the Asylum, with the Discharges and Deaths, and the numbers of each Year, for the last fifty years, remaining on 31st December 1913.

YEARS.	Admitted.			Of each Year's Admissions Discharged and Died in 1913.												Total Discharged and Died of each Year's Admissions to 31st December 1913.												Remaining of each Year's Admissions. 31st Dec. 1913.		
	New Cases.			Recovered.				Relieved.				Not Improved.				Recovered.				Relieved.				Not Improved.				Died.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1813 to 1832	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1832 to 1864	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1864 to 1872*	860	876	303	408	2447	265	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1873	74	106	33	47	260	5319	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1874	98	96	53	61	308	2447	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1875	89	100	59	62	310	260	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1876	113	109	67	71	360	260	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1877	104	96	70	72	342	260	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1878	125	98	80	62	365	260	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1879	116	94	57	78	345	260	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1880	111	128	49	59	347	260	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1881	108	100	54	77	339	260	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1882	92	120	51	66	329	260	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1883	115	134	49	55	353	260	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1884	102	126	59	55	342	260	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1885	94	111	45	54	304	260	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1886	114	112	56	52	334	260	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1887	141	138	44	42	365	260	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1888	120	125	52	51	348	260	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1889	103	99	69	52	323	260	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1890	115	112	40	65	332	260	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1891	130	120	61	59	370	260	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1892	169	151	45	68	433	260	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1893	150	142	65	69	426	260	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1894	147	161	62	84	454	260	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1895	152	162	36	60	410	260	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1896	179	146	66	79	470	260	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1897	138	126	65	82	411	260	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1898	147	167	54	83	451	260	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1899	150	143	62	73	428	260	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1900	175	144	73	80	472	260	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1901	147	151	68	75	441	260	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1902	146	162	43	72	423	260	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

Continued on next page.



*(Continued).—Showing the History of the Annual Admissions since the Opening of the Asylum, with the Discharges and Deaths, and the numbers of each Year, for the last fifty years, remaining on 31st December 1913.*

YEARS.	Admitted.			Of each Year's Admissions Discharged and Died in 1913.												Total Discharged and Died of each Year's Admissions to 31st December 1913.												Remaining of each Year's Admissions. 31st Dec. 1913.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
	New Cases.		Relapsed Cases.	Recovered.			Relieved.			Not Improved.			Died.			Recovered.			Relieved.			Not Improved.			Died.			M.	F.	T.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
	M.	F.		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
1903	167	141	29	74	411	T.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								

\* For particulars see Report for 1894.

† Numbers for Fifty Years.

‡ Since Opening of Asylum.

Summary of the Total Admissions 1864-1913.

Percentage of Cases Recovered		M.		F.		T.	
Relieved	..	35.1	..	38.9	..	37.0	..
Not Improved	..	24.9	..	26.0	..	25.5	..
Died	..	10.7	..	9.1	..	9.9	..
Remaining	..	24.5	..	21.3	..	22.9	..
	..	4.8	..	4.7	..	4.7	..



TABLE V.—*Showing the Causes of Death during the*

CAUSE OF DEATH.								15 and under 20.			20 and under 25.			25 and under 30.			30 and under 35.		
								M	F	T	M	F	T	M	F	T	M	F	T
DISEASES OF CEREBRAL AND NERVOUS SYSTEM.																			
1	General Paralysis .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	3	..	3
2	Cerebral Hemorrhage .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
3	Organic Brain Disease .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1
4	Exhaustion from Mania .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
5	Meningitis .. .. .	..	..	..	..	..	..	..	1	..	1	..	..	..	1	1	..	..	..
6	Epilepsy .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..
DISEASES OF THE RESPIRATORY SYSTEM.																			
7	Pulmonary Phthisis .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..
8	Acute Bronchitis .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1
9	Pneumonia .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..
DISEASE OF THE CIRCULATORY SYSTEM.																			
10	Cardiac Disease .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
11	Pulmonary Embolism .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
DISEASES OF THE GENITO-URINARY SYSTEM.																			
12	Nephritis .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
13	Cancer of Uterus .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
DISEASES OF THE ALIMENTARY SYSTEM.																			
14	Carcinoma of Pancreas .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
15	Gastro-enteritis .. .. .	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..
16	Carcinoma of Stomach .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
GENERAL DISEASES.																			
17	Senile Decay .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
18	Septicæmia .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
19	Carcinoma of Palate .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
20	Addison's Disease .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
21	Pernicious Anæmia .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
22	Pyæmia .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
TOTAL .. .. .								1	1	2	..	..	..	2	3	5	4	..	4

*Post-mortem* examination in 38 cases, or 46·3 per cent.

*Year 1913, together with the Ages at Death.*

	35 and under 40.			40 and under 45.			45 and under 50.			50 and under 55.			55 and under 60.			60 and under 65.			65 and under 70.			70 and under 75.			75 and under 80.			80 and under 85.			85 and under 100.			TOTALS.		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T			
1	1	..	1	2	1	3	3	2	5	6	..	6	2	..	2	1	..	1	..	..	..	..	..	..	..	..	..	..	..	19	3	22	1			
2	..	..	..	..	..	..	..	..	..	..	..	..	1	1	2	..	1	1	1	1	2	..	..	..	..	..	..	..	..	2	3	5	2			
3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	3			
4	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	4			
5	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	1	3	5			
6	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	6			
7	..	1	1	..	..	..	1	1	..	..	..	..	..	..	2	..	2	..	..	..	..	..	..	..	..	..	..	..	..	2	3	5	7			
8	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	1	..	1	..	..	..	..	..	2	1	3	8			
9	..	..	..	..	1	1	..	..	..	..	..	..	..	..	1	1	2	..	..	1	2	3	..	..	..	..	..	..	..	2	5	7	9			
10	..	..	..	1	1	2	..	..	..	1	1	1	1	2	1	2	3	1	1	2	..	1	1	..	..	1	..	1	..	..	5	7	12	10		
11	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	11			
12	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	1	..	1	1	..	1	..	..	..	..	..	..	..	..	2	1	3	12		
13	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0	1	1	13			
14	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	14		
15	..	1	1	..	..	..	..	..	..	1	..	1	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	3	..	3	15		
16	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	16			
17	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	3	4	1	1	2	..	..	..	1	..	1	3	4	7	17			
18	..	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	18			
19	..	..	..	..	..	..	1	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	19			
20	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	1	1	1	20			
21	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	1	1	..	..	..	..	1	1	1	21			
22	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	22			
	2	3	5	4	5	9	4	3	7	8	1	9	4	2	6	5	8	13	3	2	5	4	6	10	2	2	4	1	..	1	1	..	1	45	37	82



TABLE VI.—*Showing the Length of Residence in those Discharged Recovered, and in those who have Died, during the Year 1913.*

LENGTH OF RESIDENCE.	Recovered.			Died.		
	M.	F.	T.	M.	F.	T.
Under 1 Month ...	1	0	1	5	8	13
From 1 to 3 Months...	7	8	15	4	2	6
„ 3 to 6 „ ...	6	7	13	6	4	10
„ 6 to 9 „ ...	5	4	9	4	1	5
„ 9 to 12 „ ...	2	0	2	4	1	5
„ 1 to 2 Years ...	6	7	13	8	1	9
„ 2 to 3 „ ...	1	1	2	1	5	6
„ 3 to 5 „ ...	0	2	2	1	4	5
„ 5 to 7 „ ...	1	0	1	0	4	4
„ 7 to 9 „ ...	0	0	0	0	1	1
„ 9 to 11 „ ...	0	1	1	1	1	2
„ 11 to 13 „ ...	0	0	0	1	3	4
„ 13 to 15 „ ...	0	0	0	1	1	2
„ 15 to 17 „ ...	0	0	0	1	0	1
„ 17 to 19 „ ...	0	0	0	2	0	2
„ 21 to 23 „ ...	0	0	0	2	0	2
„ 23 to 25 „ ...	0	0	0	0	1	1
„ 25 to 27 „ ...	0	0	0	1	0	1
„ 27 to 29 „ ...	0	0	0	1	0	1
„ 29 to 31 „ ...	0	0	0	1	0	1
„ 37 to 39 „ ...	0	0	0	1	0	1
Total ...	29	30	59	45	37	82

TABLE VII.

*Showing the Duration of the Disorder on Admission in the Admissions, Discharges, and Deaths during the Year 1913.*

CLASS.	THE ADMISSIONS.			THE DISCHARGES.						THE DEATHS.		
	Recovered.			Removed Relieved or otherwise.								
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
FIRST CLASS. First Attack, and within Three Months on Admission ... ..	23	31	54	11	13	24	13	13	26	8	11	19
SECOND CLASS. First Attack, above Three, and within Twelve Months on Admission ... ..	31	18	49	6	3	9	7	8	15	16	3	19
THIRD CLASS. Not First Attack, and within Twelve Months on Admission ... ..	18	21	39	6	9	15	10	11	21	1	12	13
FOURTH CLASS. First Attack or not, but of more than Twelve Months on Admission ... ..	51	42	93	6	5	11	11	12	23	20	10	30
FIFTH CLASS. Congenital ... ..	2	1	3	0	0	0	0	0	0	0	1	1
TOTAL ... ..	125	113	238	29	30	59	41	44	85	45	37	82



TABLE VIII.—*Showing in Quinquennial Periods the Ages of those Admitted, Recovered, and Died during the Year 1913.*

AGES.	THE ADMISSIONS.			RECOVERED.			THE DEATHS.		
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
From 5 to 10 Years	0	0	0	0	0	0	0	0	0
" 10 to 15 "	0	0	0	0	0	0	0	0	0
" 15 to 20 "	4	2	6	2	0	2	1	1	2
" 20 to 25 "	10	7	17	2	2	4	0	0	0
" 25 to 30 "	16	5	21	2	4	6	2	3	5
" 30 to 35 "	25	11	36	4	0	4	4	1	5
" 35 to 40 "	12	13	25	3	7	10	2	3	5
" 40 to 45 "	8	12	20	3	3	6	4	5	9
" 45 to 50 "	10	16	26	2	4	6	4	4	8
" 50 to 55 "	9	10	19	2	7	9	8	1	9
" 55 to 60 "	7	6	13	2	0	2	4	2	6
" 60 to 65 "	5	10	15	5	2	7	5	8	13
" 65 to 70 "	7	7	14	2	1	3	3	2	5
" 70 to 75 "	8	5	13	0	0	0	4	3	7
" 75 to 80 "	1	6	7	0	0	0	2	4	6
" 80 to 85 "	2	3	5	0	0	0	1	0	1
" 85 to 90 "	1	0	1	0	0	0	1	0	1
" 90 to 95 "	0	0	0	0	0	0	0	0	0
" 95 to 100 "	0	0	0	0	0	0	0	0	0
Total ...	125	113	238	29	30	59	45	37	82
Mean Age ...	42.4	47.9	45.0	43.1	42.5	42.8	53.0	52.8	53.0

TABLE IX.

*Showing the Condition as to Marriage, on Admission, in the Admissions, Recoveries, and Deaths, during the Year 1913, and of Patients Resident, 31st December 1913.*

Condition in Reference to Marriage.	The Admissions.			The Discharges.			The Deaths.			Patients Resident Dec. 31. 1913.		
				Recovered.								
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Single ... ..	58	50	108	12	12	24	19	18	37	274	254	528
Married ... ..	58	41	99	12	14	26	22	13	35	93	114	207
Widowed ... ..	9	21	30	5	3	8	4	4	8	15	45	60
Unknown ... ..	0	1	1	0	1	1	0	2	2	1	0	1
Total ... ..	125	113	238	29	30	59	45	37	82	383	413	796



TABLE X.—*Showing the Probable Causes of Insanity in the Patients Admitted during the Year 1913.*

CAUSES OF INSANITY.	NUMBER OF INSTANCES IN WHICH EACH CAUSE WAS ASSIGNED.								
	Number of Cases—								
	Admissions—Males, 125; Females, 113; Total, 238.								
	As predisposing cause.*			As exciting cause.			Total.†		
	M	F	T	M	F	T	M	F	T
<b>MENTAL and MORAL:—</b>									
Mental anxiety and worry ...	0	0	0	8	6	14	8	6	14
Mental shock ...	0	0	0	0	4	4	0	4	4
Ill treatment by husband ...	0	0	0	0	1	1	0	1	1
Spiritualism ...	0	0	0	0	1	1	0	1	1
Overwork ...	0	4	4	1	1	2	1	5	6
<b>PHYSICAL:—</b>									
Syphilis ...	0	0	0	18	4	22	18	4	22
Epilepsy ...	0	2	2	3	2	5	3	4	7
Intemperance in Drink ...	15	2	17	16	13	29	31	15	46
Senility ...	10	9	19	4	4	8	14	13	27
Puberty and Adolescence ...	0	0	0	9	7	16	9	7	16
Climacteric ...	0	0	0	0	3	3	0	3	3
Childbirth ...	0	0	0	0	6	6	0	6	6
Meningitis ...	0	0	0	1	0	1	1	0	1
Phthisis ...	0	1	1	0	1	1	0	2	2
Pneumonia ...	0	0	0	0	1	1	0	1	1
Rheumatic Fever ...	0	0	0	0	1	1	0	1	1
Scarlet Fever ...	0	0	0	0	1	1	0	1	1
Myocardiac Insufficiency ...	0	0	0	0	1	1	0	1	1
Tuberculosis ...	0	0	0	0	1	1	0	1	1
Morphinism ...	0	0	0	1	1	2	1	1	2
Abuse of Drugs ...	0	0	0	1	0	1	1	0	1
Surgical Operation ...	1	0	1	0	0	0	1	0	1
Traumatism ...	0	0	0	0	1	1	0	1	1
Pernicious Anæmia ...	0	0	0	0	1	1	0	1	1
Cerebral Hæmorrhage ...	0	0	0	2	0	2	2	0	2
Blood Poisoning ...	1	0	1	0	0	0	1	0	1
Privation ...	0	0	0	0	1	1	0	1	1
Sunstroke ...	0	0	0	1	0	1	1	0	1
Hereditary influences	12	7	19	0	0	0	12	7	19
	29	27	56	0	0	0	29	27	56
	12	8	20	0	0	0	12	8	20
Congenital ...	2	0	2	0	0	0	2	0	2
Previous attacks ...	29	42	71	0	0	0	29	42	71
Unknown ...	40	28	68	51	40	91	51	40	91

\* With reference to the distinction between "predisposing" and "exciting" causes, it must be understood that no single cause is enumerated as both predisposing and exciting in the case of any individual patient.

† The figures in the Total column represent the entire number of instances in which the several causes (either alone or in combination with others) were stated to have produced the mental disorder. The excess of the aggregate of such causes over the number of patients admitted is owing to combinations of causes.

TABLE XI.—*Showing the form of Mental Disorder on Admission, in the Admissions, Recoveries and Deaths of the Year 1913.*

FORM OF MENTAL DISORDER,	Admissions.			Recoveries.			Deaths.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.
Melancholia } Manic-Depressive Insanity	16	33	49	5	14	19	3	5	8
Mania ... }	8	13	21	6	7	13	4	12	16
Infective Exhaustive Insanity	18	26	44	11	9	20	3	9	12
Dementia Præcox ...	25	7	32	2	0	2	1	0	1
Systematised Delusional Insanity	13	17	30	2	0	2	6	2	8
General Paralysis of the Insane	18	4	22	0	0	0	19	3	22
Epileptic Insanity ...	4	3	7	0	0	0	1	0	1
Korsakoff's Psychosis	3	0	3	1	0	1	0	0	0
Insanity of Gross Brain Disease	1	0	1	0	0	0	1	0	1
Morphomania	2	1	3	2	0	2	0	0	0
Senile Insanity	15	9	24	0	0	0	7	5	12
Congenital Defect	2	0	2	0	0	0	0	1	1
Total	125	113	238	29	30	59	45	37	82





TABLE XIII.

*State of Bodily Health and Condition of those Admitted.*

	Males.	Females.	TOTAL.
In Average Health and Condition ...	30	18	48
In Indifferent Health and Reduced Condition ...	87	77	164
In Bad Health and very Exhausted Condition ...	8	18	26
TOTAL ...	125	113	238

TABLE XIV.

*Admissions, Discharges, and Deaths of each Month.*

	Admissions.			Discharges.			Deaths.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.
January ...	9	10	19	5	6	11	3	2	5
February ...	10	9	19	3	6	9	5	3	8
March ...	11	9	20	5	9	14	3	8	11
April ...	12	3	15	9	7	16	3	5	8
May ...	11	8	19	9	3	12	2	3	5
June ...	14	13	27	7	8	15	5	1	6
July ...	8	10	18	2	3	5	3	1	4
August ...	8	12	20	8	8	16	1	3	4
September ...	11	6	17	3	2	5	3	2	5
October ...	9	9	18	9	6	15	4	2	6
November ...	13	12	25	6	7	13	5	4	9
December ...	9	12	21	4	9	13	8	3	11
TOTAL ...	125	113	238	70	74	144	45	37	82



TABLE XV.

*Illustrations of Suicidal Tendency in those Admitted.*

	Males.	Females.	TOTAL.
Have attempted Suicide ... ..	16	7	23
Have meditated Suicide ... ..	10	17	27
Total Suicidal ... ..	26	24	50
<i>Forms of Insanity in which Suicide was attempted—</i>			
Manic-Depressive Insanity ... ..	8	7	15
Infective-Exhaustive Insanity ... ..	1	0	1
Dementia Præcox ... ..	2	0	2
Systematised Delusional Insanity ... ..	1	0	1
Senile Dementia ... ..	4	0	4
Total ... ..	16	7	23
<i>Forms of Insanity in which Suicide was meditated—</i>			
Manic-Depressive Insanity ... ..	3	14	17
Infective-Exhaustive Insanity ... ..	2	1	3
Dementia Præcox ... ..	3	0	3
General Paralysis of the Insane ... ..	1	0	1
Systematised Delusional Insanity ... ..	0	2	2
Senile Dementia ... ..	1	0	1
Total ... ..	10	17	27
<i>Nature of attempts—</i>			
Cut-Throat ... ..	4	1	5
Drowning ... ..	4	2	6
Strangulation ... ..	3	1	4
Poison ... ..	2	1	3
Precipitation ... ..	2	2	4
Hanging ... ..	0	2	2
Suffocation ... ..	1	0	1
Cut Wrists ... ..	1	0	1
Total ... ..	17	9	26

TABLE XVI.—*Persons Recovered in 1913.*

	Males.	Females	TOTAL.
A. Recovered for the first time ...	19	20	39
(a) Re-admitted, and again Discharged Recovered ...	0	0	0
(b) Re-admitted, but not again Discharged Recovered ...	3	0	3
B.* Had made one or more Recoveries in previous years ...	10	9	19
(a) Re-admitted, and again Discharged Recovered ...	0	1	1
(b) Re-admitted, but not again Discharged Recovered ...	1	1	2
Number of Persons Recovered...	29	29	58
Number of Cases of Recovery ...	29	30	59

\* Of these Persons, 4 Males and 5 Females had made one Previous Recovery; 2 Males and 3 Females, two Previous Recoveries; 1 Male, three Previous Recoveries; 2 Males, four Previous Recoveries; 1 Male, five Previous Recoveries; 1 Female, six Previous Recoveries.



# REPORTS

## OF THE

# COMMISSIONERS IN LUNACY.

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ROYAL EDINBURGH ASYLUM,  
*8th, 9th, and 10th December 1913.*

THERE were 795 patients on the register of the Asylum on the 8th instant, of whom 770 were detained under Sheriffs' orders, and 25 were voluntary inmates. Of the 770 certified inmates, 453 were private patients. 14 persons were absent on statutory probation, and 1 was absent on pass. With these exceptions all the patients on the register were seen during the visit.

114 patients have been admitted, 64 have been discharged, and 34 have died since the Asylum was last visited on the 17th June of this year.

The causes of death (including the causes of the death of 4 voluntary inmates) are as follows: General paralysis of the insane, 10 cases; disease of the heart and of arteries, 10 cases; senile decay and gross disease of the brain, 6 cases; and the following diseases in 1 case each: Pernicious anæmia, phthisis, enteritis, epilepsy, cancer, exhaustion from acute mania, pneumonia, and pulmonary embolism. *Post-mortem* examinations were made in 17 instances.

Two of the deaths in the preceding list require special mention. A lady, an inmate of Craig House, labouring under acute melancholia with agitation, was, with much benefit, treated by means of the wet pack on three separate occasions, at intervals of several days. On the third application of this treatment, when she was being taken out of the pack, she suddenly developed an attack of heart failure and died in a short time afterwards. On the 20th November last a gentleman patient impulsively jumped through a window before his attendant could prevent him, and fell a distance of 20 feet. He sustained a fracture of the collar-bone and of three ribs, but beyond general bruising there were no other external symptoms. He appeared to be making an uninterrupted recovery, when he suddenly died on the 6th instant from pulmonary embolism. The connection between his injuries and the immediate cause of his death is not clear, but they are probably related. Both deaths were duly reported to the proper authorities. The only other entry in the Register of Accidents refers to a compound fracture of the leg caused by an accidental fall.

5 patients escaped and were each absent for at least one night before being brought back. There has been no recourse to mechanical restraint or to seclusion in the treatment of any patient in the interval covered by this report.

Including the 15 patients absent on probation or on pass, there are 226 patients in Craig House and 569 in the West House, of which latter number 252 are private patients. There are therefore 478 private and 317 pauper patients in the Asylum at present.

10 patients asked for special interviews, which were given. They all considered themselves unnecessarily detained, but none of them made any complaint regarding their treatment. With one exception, that of a lady whose mental disturbance had been brought on by alcohol and whose case is being specially



considered, it was not thought advisable to interfere with the detention of any of these patients.

The information available from the records, from the Assistant Medical Officers, and from the nursing staff regarding the history, progress, and symptoms of all the patients, is one of the many features of the excellent medical management of the Institution, which embraces all details, however trivial, which bear upon the welfare, comfort, and treatment of the patients.

Among the many changes and alterations in the internal construction of the Asylum, the renovation and reconstruction of the kitchen at the West House is the most important. The department has been beautifully tiled and fitted with the latest type of cooking apparatus, including a complete system of hot plates and hot chambers for keeping the food warm before it is served.

The quieter, more trustworthy patients in the West House have been removed to the separate villas on each side (male and female respectively), the doors of which are open during the daytime. This permits these patients to enjoy an increased degree of freedom, and a quieter and more agreeable mode of life. This commendable change has had the effect of setting free space on the ground floor of the main building which is to be used as additional hospitals, a form of accommodation which the increasing number of sick and infirm patients and the requirements of better classification renders necessary.

It is learned with approval that the Managers have under their favourable consideration proposals for lighting the West House with electricity and for heating the wards and dormitories with hot water.

The official registers were examined and found to be carefully and accurately kept.

JOHN MACPHERSON,  
*Commissioner in Lunacy.*

## ROYAL EDINBURGH ASYLUM,

*17th, 18th, and 19th June 1913.*

SINCE the previous visit of 18th November, 1912, the number of registered patients has decreased by 8. This is mainly due to an active discharge of patients either as recovered or not recovered.

Of 758 patients on the register on the first day of the visit 446 were of the private class, and 312 were chargeable to parish authorities; the number of voluntary inmates—a number not included in the above figures—is 21, all of whom are private patients.

One hundred and twenty-one patients have been admitted, 32 have been discharged as recovered, 48 have been discharged as not recovered, and 49 have died. Of the 48 patients discharged as not recovered, 34 were sent to the care of friends, 12 were transferred to other institutions, 1 was discharged on expiry of an Emergency Certificate, and 1 was boarded out with a private guardian.

The causes of death may be described as follows:—12 died from general paralysis of the insane, 11 from senile decay, 4 of cerebral hæmorrhage, 4 of pulmonary tuberculosis, 3 of heart disease, 2 of epilepsy, 2 of acute bronchitis, 2 of acute pneumonia, 2 of chronic nephritis, 2 of enteritis, 1 of septicæmia, 1 of pleurisy, 1 of carcinoma of the pancreas, 1 of carcinoma of the uterus, and 1 from the exhaustion of acute mania. In 23 instances the cause of death was verified by *post mortem* examination. The results of these examinations are carefully and elaborately recorded. The work of the laboratory not only takes cognisance of these *post mortem* findings; it amplifies and renders more exact the clinical work of the medical officers by means of complex chemical and bacteriological investigations, which are of prime importance in the care and treatment of all the patients.

Seventy-seven patients were confined to bed for treatment of mental symptoms, bodily illness, senility or infirmity. The nursing of these patients is capable and skilled. The attention



given to the patients in the hospitals in particular, and generally throughout the Institution, by the Medical Officers fully maintains the high traditions of the past, and is most commendable.

There has not been any use of restraint, or of seclusion, in the treatment of the patients.

One patient escaped and was absent for one night before he was brought back.

The only serious accident to be noted, was a simple fracture of the left humerus, caused by the patient concerned slipping on wet pavement.

The large majority of the patients were found to be out of doors enjoying beneficial exercise in the open air, or engaging in some suitable or useful occupation.

The patients in the West House were, on one of the days of the visit, seen enjoying a good and sufficient dinner.

The sitting-rooms, dormitories, and sleeping accommodation of the whole Institution were all in excellent condition, and scrupulously clean. The material welfare of the patients received ample attention in all respects. The patients generally were free from excitement, and enjoyed good health.

The changes in the nursing staff are as follows:—28 attendants and 36 nurses were engaged, 22 attendants and 26 nurses resigned for other situations, and 7 attendants and 1 nurse were dismissed. Each department of the Institution is in charge of an assistant matron, who has, in addition to her mental training, the qualifications of a nurse who has passed through general hospital experience. This arrangement allows of active and efficient supervision of all the departments at all times, and is in the best interests of the patients.

The management continues to be most active and able, and is characterised by much courage and earnestness.

The statutory registers were examined, they were correct, and kept with neatness and care.

HAMILTON C. MARR,

*H.M. Commissioner in Lunacy.*

# ABSTRACT

OF THE

## TREASURER'S ACCOUNTS OF INTROMISSIONS

*For the Year ending 30th September 1913.*

### CHARGE.

I. Arrears of Board, &c., given up in last Account . . . . .	£1,003	7	9
Less—Written off as irrecoverable . . . . .	18	16	0
	£984	11	9
II. Patients' Boards, per Board-books—	<i>Males.</i>	<i>Females.</i>	
Quarter ending 31st Dec. 1912	£6,822 15 0	£6,480 7 0	
Do. do. 31st March 1913	6,811 10 10	6,513 15 1	
Do. do. 30th June „	6,874 13 8	6,474 11 6	
Do. do. 30th Sept. „	6,942 2 2	6,717 8 1	
	£27,451 1 8	£26,186 1 8	
		27,451 1 8	
		£53,637 3 4	
Deduct—			
Repayments of Board for Patients who left the Asylum prior to 30th Sept. 1912 . . . . .		149 19 1	
		53,487 4 3	
III. Accounts due by Patients for Clothes and extraordinary furnishings of various kinds supplied through the Steward and Matrons at the expense of the Institution, and charged against the recipients—	<i>Males.</i>	<i>Females.</i>	
Quarter ending 31st Dec. 1912	£329 13 0	£377 11 3	
Do. do. 31st March 1913	609 18 10	705 0 6	
Do. do. 30th June „	341 9 2	386 11 7	
Do. do. 30th Sept. „	496 16 11	688 7 3	
	£1,777 17 11	£2,157 10 7	
		1,777 17 11	
		3,935 8 6	
IV. Price of Pigs and Sundries disposed of—			
Received for Pigs sold . . . . .	£617 5 0		
Do. for Pigs' meat, old iron, &c., sold . . . . .	147 11 9		
		764 16 9	
V. Rents of Grass Parks, &c. . . . .		61 15 0	
VI. Claims under Fire Insurance Policies . . . . .		0 14 6	
VII. Seat Rents in St Cuthbert's Church . . . . .		7 8 6	
VIII. Clothing supplied by the Steward to Private and Pauper Patients leaving the Institution . . . . .		0 9 7	
IX. Additional Loan from Charity Fund . . . . .		350 0 0	
X. Share of cost payable by University of rebuilding of Boundary Wall between Craig House and University Field . . . . .		81 12 6	
XI. Balance of Account at 30th September 1913 . . . . .		1,016 17 5	
Amount of the Charge . . . . .	£60,690	18	9



## DISCHARGE.

		Craig House.	West House.	TOTAL.
		£ s. d.	£ s. d.	£ s. d.
I.	Expense of Provisions . . .	9,157 15 8	6,462 8 7	15,620 4 3
II.	Do. Clothing, Bedding, Napery, &c.	697 13 11	974 14 3	1,672 8 2
III.	Do. Fuel . . .	1,546 12 11	1,169 0 9	2,715 13 8
IV.	Do. Gas Lighting . . .	187 12 9	346 6 3	533 19 0
V.	Do. Water and Wash- ing material . . .	648 15 11	345 15 6	994 11 5
VI.	Do. Medicines, Surgical Instruments, Dis- infectants, &c.	301 2 8	324 4 11	625 7 7
VII.	Do. Books and Stationery	341 14 9	284 5 10	626 0 7
VIII.	Do. Tobacco and Snuff . . .	...	117 9 6	117 9 6
IX.	Do. Buildings, Furnish- ings, and Repairs	2,214 13 2	3,202 7 4	5,417 0 6
X.	Do. Garden and Grounds	469 12 10	286 8 8	756 1 6
XI.	Public and Parochial Burdens	1,295 19 5	514 19 4	1,810 18 9
XII.	Interest on Loans paid . . .	1,613 14 11	698 9 8	2,312 4 7
XIII.	Feu-duties and Stipend . . .	757 18 5	436 4 4	1,194 2 9
XIV.	Insurance Premiums . . .	82 19 8	50 15 4	133 15 0
XV.	Salaries and Wages . . .	10,018 15 6	7,277 11 7	17,296 7 1
XVI.	Miscellaneous Payments . . .	482 10 1	300 19 7	783 9 8
XVII.	Accounts paid on behalf of Pa- tients and charged against them	3,006 11 6	464 1 11	3,470 13 5
Ordinary Expenditure . . .		32,824 4 1	23,256 3 4	56,080 7 5
XVIII.	Loans Repaid . . .			2,500 0 0
	Arrears of Board, &c., at 30th September 1913 . . .			965 11 11
	Balance of Account at 30th September 1912 . . .			1,144 19 5
Amount of the Discharge equal to Charge . . .				<u>60,690 18 9</u>

EDINBURGH, 20th February 1914. — I have examined the foregoing Account of Charge and Discharge of the Intromissions of the Treasurer of the Royal Edinburgh Asylum for the Insane, for the year to 30th September 1913, together with the Appendices relative thereto, and in connection with the Books of the House Steward and Matrons, and I now beg to report that I have found them to be correctly stated and sufficiently and satisfactorily vouched and instructed.

I have not, however, checked the apportionment of the items of Receipt and Expenditure between New Craig House and West House.

(Signed) JOHN M. HOWDEN, C.A.

ABSTRACT of ORDINARY and EXTRAORDINARY RECEIPTS and PAYMENTS  
of NEW CRAIG HOUSE, OLD CRAIG HOUSE, SOUTH CRAIG, BEVAN  
VILLA and MYRESIDE COTTAGE.—*For year to 30th September 1913.*

ORDINARY RECEIPTS.

1. Boards . . . . .	£32,586	1	1
2. Extra Accounts . . . . .	3,408	16	4
3. Produce and Sundries sold . . . . .	465	19	4
4. Rents of Grass Parks . . . . .	51	14	0
5. Seat Rents in St Cuthbert's Church . . . . .	4	10	6
6. Repayment of share of cost of rebuilding Boundary Wall between Craig House and University Field . . . . .	81	12	6
	<u>£36,598</u>	<u>13</u>	<u>9</u>

ORDINARY PAYMENTS.

1. Amount thereof, as stated in foregoing Discharge	£32,824	4	1
2. Value of labour performed by tradesmen, assisted by West House patients, for New Craig House, &c. . . . .	543	18	10
3. Proportion of £300 additional, as the estimated value of pauper labour in keeping the grounds, in terms of Report by Mr Haldane, C.A. . . . .	182	15	5
		<u>33,550</u>	<u>18 4</u>
Surplus Ordinary Receipts for New Craig House, &c. . . . .	£3,047	15	5

EXTRAORDINARY RECEIPT.

Additional Loan from Charity Fund . . . . .	£350	0	0
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EXTRAORDINARY PAYMENT.

Repaid Free Church of Scotland to account of Loan . . . . .	£2,500	0	0
Excess of Extraordinary Payments over Extraordinary Receipts	£2,150	0	0

ABSTRACT of ORDINARY and EXTRAORDINARY RECEIPTS and PAYMENTS  
of the WEST HOUSE.—*For year to 30th September 1913.*

ORDINARY RECEIPTS.

1. Boards . . . . .	£20,901	3	2
2. Extra Accounts . . . . .	526	12	2
3. Produce and Sundries sold . . . . .	298	17	5
4. Rent of Railway Siding, &c. . . . .	10	1	0
5. Seat Rents in St Cuthbert's Church . . . . .	2	18	0
6. Claim under Fire Insurance Policies . . . . .	0	14	6
7. Price of Clothing supplied to Patients leaving the Institution . . . . .	0	9	7
8. Value of patients' labour performed for New Craig House, &c., as before (see New Craig House Payments 2 and 3) . . . . .	726	14	3
	<u>£22,467</u>	<u>10</u>	<u>1</u>

ORDINARY PAYMENTS.

1. Amount thereof, as stated in foregoing Discharge	£23,256	3	4
2. Twenty-ninth instalment to Sinking Fund . . . . .	£2,701	15	1
Less—Interest on £19,034. 9s. 1d., included in No. 1 hereof . . . . .	698	9	8
	<u>2,003</u>	<u>5</u>	<u>5</u>
	<u>25,259</u>	<u>8</u>	<u>9</u>
Excess of Ordinary Payments over Ordinary Receipts . . . . .	£2,791	18	8



*TABULAR VIEW of the Cost of Maintenance per Head of New Craig House, Intermediate, and Pauper Patients based on the foregoing Account—the numbers being: New Craig House, 218; Intermediates, 176. Patients at the lowest rate of Board, 76; and Paupers, 300.*

	New Craig House.	Intermediate.	Paupers and others.
	£ s. d.	£ s. d.	£ s. d.
1. Provisions, including extra diets, share of Attendants' provisions and vegetables, except in so far as supplied from grounds held to be covered by cost of Gardens and Grounds No. 13	42 0 2	14 19 9·5	10 3 5
2. Stimulants and Cordials	...	...	2 3 2·2
3. Clothing	...	...	0 11 10·1
4. Bedding and Napery	3 4 0	0 11 10·1	0 11 10·1
5. Fuel (including fuel for electric lighting)	7 1 11	2 2 4·3	2 2 4·3
6. Gas Lighting	0 17 2	0 12 6·5	0 12 6·5
7. Water and Washing materials	2 19 6	0 12 6·3	0 12 6·3
8. Medicines and Surgical Apparatus	1 7 7	0 11 9	0 11 9
9. Books and Stationery	1 11 4	0 10 3·6	0 10 3·6
10. Tobacco and Snuff	...	...	0 6 3
11. Furnishings and Repairs	10 3 2	6 17 9·7	5 5 10
12. Public and Parochial Burdens	5 18 10	0 18 7·9	0 18 7·9
13. Expenditure on Gardens and Grounds	2 3 1	0 10 4·5	0 10 4·5
14. Feu-Duties and Stipend	3 9 6	0 15 9·6	0 15 9·6
15. Fire Insurance	0 7 7	0 1 10·1	0 1 10·1
16. Salaries and Wages	45 19 1	14 17 5·4	12 7 10·5
17. Miscellaneous Payments	2 4 3	0 10 10·8	0 10 10·8
18. Value of labour performed by tradesmen and patients for New Craig House and Intermediates	...	1 3 0	...
19. Instalment to Sinking Fund, as sanctioned by the Court	...	4 17 10·6	4 17 10·6
20. Interest on New Craig House Debt	7 8 1	...	...
<i>Deduct—</i>			
1. From New Craig House, &c.—	136 15 3	50 14 9·9	43 3 4
(1.) Price of Pigs and Sundries sold	2 15 5	...	
(2.) Rents of Grass Parks			
(3.) Seat Rents in St Cuthbert's Church			
2. From Paupers—			
(1.) Price of Pigs, &c., sold, including Rent of Siding £0 11 4·1	...	...	3 0 9·1
(2.) Value of labour performed by paupers for New Craig House and Intermediate patients 2 9 5			
3. From Intermediates—			
Price of Pigs, &c., sold, including Rent, as above	...	0 11 4·1	
<b>Cost per head during 1913</b>	<b>133 19 10</b>	<b>50 3 5·8</b>	<b>40 2 6·9</b>

The average number of Patients, Officers, and Domestics during the Year ending			
30th September 1912 was	do.	30th September 1913	1,015
Do.	do.	do.	1,041
Increase in 1913			26
The Cost of Provisions per head during the Year ending 30th Sept. 1912 was			
Do.	do.	30th September 1913 was	£13 8 4
			15 0 1
Increase in 1913			£1 11 9

STATE OF DEBT due by CRAIG HOUSE DIVISION, of the ROYAL EDINBURGH ASYLUM FOR THE INSANE, as at 30th September 1913.

Amount thereof . . . . .	£58,316 17 5
<i>Deduct</i> —Proportion of Debt secured on Craig House due by West House . . . . .	12,136 9 0
	<u>£46,180 8 5</u>

STATE OF FINANCES of NEW CRAIG HOUSE for year to  
30th September 1913.

Balance from 1912 . . . . .	£901 17 11
Surplus Receipts, as before . . . . .	3,047 15 5
	<u>£3,949 13 4</u>
<i>Deduct</i> —Loss on Intermediates . . . . .	687 3 10
	<u>£3,262 9 6</u>
Decrease on Debt—	
At 30th September 1912 . . . . .	£48,560 10 4
At 30th September 1913 . . . . .	46,180 8 5
	<u>2,380 1 11</u>
	<u>£882 7 7</u>
Arrears of Board, &c., at close of this Account . . . . .	£965 11 11
<i>Less</i> Balance of do. at 31st December 1884, when the indebtedness of the West House was fixed by the Court, under deduction of arrears of Board written off . . . . .	83 4 4
	<u>882 7 7</u>

STATE OF DEBT due by the WEST HOUSE of the ROYAL EDINBURGH ASYLUM FOR THE INSANE, as at 30th September 1913.

Amount thereof . . . . .	<u>£19,136 9 0</u>
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STATE showing the Operation of the SINKING FUND during 1912-13, and contrasting the amount of the Actual Debt at the close of that Year with the Debt as estimated by the late Mr JAMES MARTIN, C.A., in his Report on the Creation of a Sinking Fund.

Estimated Debt.	WEST HOUSE.	Actual Debt.
£ s. d.		£ s. d.
5,095 15 2	Amount of Debt at 30th September 1912 . . .	19,034 9 1
	<i>Add—</i>	
203 16 7	1. Interest . . . . . £698 9 8	
	2. West House arrears written off as irrecoverable . . . . . 0 10 6	
	3. Excess of Ordinary Payments over Ordinary Receipts . . . . . 2,791 18 8	
		3,490 18 10
	<i>Less—</i> Amount effeiring to Intermed- iate . . . . . 687 3 10	
		2,803 15 0
5,299 11 9		21,838 4 1
	<i>Deduct—</i>	
2,701 15 1	(1) Twenty-ninth Instalment to Sinking Fund	2,701 15 1
2,597 16 8		19,136 9 0

# ABSTRACT

OF THE  
TREASURER'S INTROMISSIONS  
WITH THE  
FUNDS ADMINISTERED BY THE CHARITY COMMITTEE  
*For the year to 30th September 1913.*

## CHARGE.

I. Balance at close of last Account . . . . .				£51	1	7
II. Legacy received . . . . .				347	15	0
III. Revenue received . . . . .				367	14	10
IV. Income Tax reclaimed . . . . .				59	2	2
V. Donations received :—						
Mrs Cumming Craig, 9 Learmonth Terrace . . . . .	£0	2	6			
Wm. C. M'Ewen, W.S., 9 Douglas Crescent . . . . .	0	5	0			
Mrs Tod, Clerwood, Corstorphine . . . . .	1	1	0			
Mrs Ritchie 6 St Margaret's Road . . . . .	0	5	0			
Mr and Mrs Stark, 14 Suffolk Road . . . . .	0	2	6			
Miss Saunders, 56 N. Castle Street . . . . .	0	5	0			
Alexander Davidson, Esq., 173 Colinton Road . . . . .	0	2	6			
Miss Leslie, 1 Lansdowne Crescent . . . . .	0	5	0			
Jas. M. Logan White, Esq., Kellerstain, Corstorphine . . . . .	0	10	0			
A. J. Alison, Advocate, 46 Heriot Row . . . . .	0	10	0			
J. R. Norrie, 25 Dick Place . . . . .	0	5	0			
Sir T. S. Clouston, M.D., 26 Heriot Row . . . . .	1	1	0			
Miss Roxburgh, 4 Abbotsford Crescent . . . . .	0	5	0			
John R. Findlay, 27 Drumsheugh Gardens . . . . .	3	0	0			
Misses Shaw, 14 Deanpark Crescent . . . . .	0	2	6			
Anonymous . . . . .	0	1	0			
Two Friends . . . . .	0	5	0			
Sheriff Lees, K.C., 4 Darnaway Street . . . . .	0	2	6			
Miss Laidlay, 7 Newbattle Terrace . . . . .	1	0	0			
Miss Lorimer, 7 Gillsland Road . . . . .	0	5	0			
Mrs Turnbull, 2 Corrennie Gardens . . . . .	0	5	0			
Mrs Macdonald, 8 Gillsland Road . . . . .	0	3	0			
Mrs Mathewson, 25 Cluny Gardens . . . . .	0	5	0			
Mrs Wilson, 3 Corrennie Gardens . . . . .	0	2	6			
Mr and Miss Pringle, 42 Drumsheugh Gardens . . . . .	0	10	6			
F. C. Thomson, Advocate, 5 Northumberland Street . . . . .	0	5	0			
Miss E. C. Wright, 24 Napier Road . . . . .	0	5	0			
Mrs Anderson, 9 Great King Street . . . . .	0	2	6			
The Right Hon. The Earl of Stair, Lochinch, Castle Kennedy, Wigtownshire . . . . .	1	0	0			
Thomas Barclay, Advocate, 1 Ainslie Place . . . . .	1	0	0			
Mrs Jessie C. Currie, Trinity Cottage . . . . .	0	10	0			
Anonymous . . . . .	1	0	0			
Rev. W. M. M'Gregor, D.D., 28 Walker Street . . . . .	0	2	6			
Carry forward . . . . .	£15	6	6	£825	13	7



Brought forward	£15	6	6	£825	13	7
Mr and Mrs A. H. Turnbull	1	1	0			
Miss M. Nairn, 29 Abercromby Place	0	5	0			
Mrs Joseph Smith, 46 Cluny Gardens	0	5	0			
Thomas Steuart, 48 Palmerston Place	0	10	0			
J. Stewart Clark, Dundas Castle, S. Queensferry	5	0	0			
Edwin Adam, K.C., 11 Hillside Crescent	0	5	0			
Miss E. Walker Arnott, 24 St Bernard's Crescent	0	5	0			
H. B. Finlay, 15 Strathearn Place	0	10	0			
Miss Wishart, Thornton, Dalkeith	0	2	6			
John Thomson, M.D., 14 Coates Crescent	0	5	0			
Miss Marcia Dods, 28 Greenhill Gardens	0	2	6			
Miss Margaret Thomson, 28 Greenhill Gardens	0	2	6			
Miss J. M. Ritchie, 22 Charlotte Square	0	2	6			
Alexander Melvin, 4 Savile Terrace	0	5	0			
Mrs Russel, 25 Cluny Drive	0	2	6			
J. R. M. Wedderburn, W.S., 3 Glencairn Cres.	0	10	0			
Sir James A. Russell, M.D., Woodville, Canaan Lane	1	1	0			
Miss J. L. C. Wilson, 74 Polwarth Terrace	0	2	6			
Colonel Leven, 26 Saxe-Coburg Place	0	5	0			
Findlay B. Anderson, 24 St Andrew Square	2	0	0			
Mrs Lee, 16 St Albans Road	0	2	6			
Misses Fleming, 24 Magdala Crescent	2	0	0			
Arthur Allison, Advocate, 3 Moray Place	0	10	0			
Mrs James Heron, 3 Merchiston Avenue	0	10	0			
Misses Rutherford, 14 Albany Street	0	7	6			
Francis Kemp, 22 Colinton Road	2	2	0			
Alexander Middleton, 12 Succoth Gardens	0	2	6			
	£34	3	0			
Add:—From unappropriated Fund, Charity Organisation	5	0	0			
	£39	3	0			
Deduct:—Commission charged by Charity Organisation Society for collection at 1½%	0	10	3			
				38	12	9

£864 6 4

## DISCHARGE.

I. Sums paid to Royal Edinburgh Asylum in relief of Patients' Boards	£292	1	3
II. Additional Loan to Royal Edinburgh Asylum for the Insane	350	0	0
III. Expense of Management, &c.	12	0	7
IV. Balance due by Treasurer at 30th September 1913.	210	4	6
	£864	6	4

## STATE OF FUNDS AT 30TH SEPTEMBER 1913.

I. Sum in Bond and Disposition in Security over Asylum property	£9,600	0	0
II. Additional sum lent to Royal Edinburgh Asylum	500	0	0
III. Deposit with Edinburgh Corporation on Temporary Loan	500	0	0
IV. Balance due by Treasurer, as above	210	4	6
	£10,810	4	6

EDINBURGH, 20th February 1914.—I have examined the foregoing Account, and the appended State of Funds, and having checked them in connection with the Vouchers and Instructions, find them to be correctly stated and sufficiently vouched and instructed—the balance due by the Treasurer at 30th September 1913 being £210. 4s. 6d.

(Signed) JOHN M. HOWDEN, C.A.

# ABSTRACT

OF THE

TREASURER'S INTROMISSIONS

WITH THE

FUNDS BEQUEATHED BY THE LATE MRS BEVAN

*For Year to 30th September 1913.*

## CHARGE.

I. Balance of uninvested funds at close of last Account	.	.	£15 13 8
II. Revenue received	.	.	449 2 4
III. Income Tax reclaimed	.	.	78 3 9
			<u>£542 19 9</u>

## DISCHARGE.

I. Balance due to Treasurer at close of last Account	.	.	£57 2 0
II. Payments made to Royal Edinburgh Asylum for the Insane in relief of Patients' Boards	.	.	396 5 9
III. Expense of Management	.	.	16 1 11
			<u>£469 9 8</u>
Add :—Balance due by Treasurer at 30th September 1913	.	.	73 10 1
			<u>£542 19 9</u>

## STATE OF FUNDS AT 30TH SEPTEMBER 1913.

I. Amount lent to Royal Edinburgh Asylum for the Insane	.	£12,700 0 0
II. Balance due by Treasurer as above	.	73 10 1
		<u>£12,773 10 1</u>

EDINBURGH, 20th February 1914.—I have examined the foregoing Account and the appended State of Funds, and having compared them with the Vouchers and Instructions, find them to be correctly stated and sufficiently vouched and instructed—the balance due by the Treasurer at 30th September 1913 being

Made up thus :—Revenue	.	.	£57 16 5
Capital	.	.	15 13 8
			<u>£73 10 1</u>

(Signed) JOHN M. HOWDEN, C.A.



## NURSING CERTIFICATE

OF THE

## MEDICO-PSYCHOLOGICAL ASSOCIATION.

THE following Nurses and Attendants have obtained the Certificate for Proficiency in Mental Nursing, granted by the MEDICO-PSYCHOLOGICAL ASSOCIATION OF GREAT BRITAIN AND IRELAND in 1913:—

## CRAIG HOUSE.

NURSE L. E. M'CUTCHEN.  
 „ E. MURRAY.

## WEST HOUSE.

NURSE H. G. S. RICHARDSON.  
 „ J. L. CAMERON.  
 „ A. R. BRUCE.  
 „ A. SIM.  
 „ F. STONE.  
 MISS ARROWSMITH  
 (with distinction).  
 „ FORBES (with distinction).  
 „ DE LAPPE.

The undernoted have passed the Junior Examination:—

NURSE K. MANSON.  
 „ M. E. RANKEN.  
 „ M. D. M'INNES.  
 ATTENDANT P. FLYNN.  
 „ J. M'LEAN.

NURSE J. B. KIRKLAND.  
 „ J. M. THOMSON.  
 „ G. SHARPE.  
 „ E. SIMPSON.  
 „ J. MILNE.  
 „ R. FRASER.  
 „ M. M. ROSS.  
 „ J. M'PHAIL.  
 „ A. CROALL.  
 „ L. A. S. FORSYTH.  
 „ J. REITH.  
 „ C. M. ROSS.  
 „ J. C. M'ARTHUR.  
 „ M. N. B. REITH.  
 „ L. CROSS.  
 „ E. M'NAUGHTON.  
 „ H. A. EATON.  
 ATTENDANT A. BALLIE.  
 „ J. MORGAN.





