

DOCUMENT No. 71.

ANNUAL REPORTS

OF THE

MANAGERS AND OFFICERS

OF THE

NEW JERSEY STATE LUNATIC ASYLUM

AT TRENTON,

For the Year Ending October 31st, 1879.

New Jersey State Library

OFFICERS.

MANAGERS.

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Hon. CALEB S. GREEN, Trenton, *Secretary.*

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JOSEPH H. BRUERE, Esq., Princeton.

Hon. JAMES BISHOP, New Brunswick.

Hon. BENJAMIN F. CARTER, Woodbury.

RESIDENT OFFICERS.

SUPERINTENDENT AND PHYSICIAN,
JOHN W. WARD, M. D.

ASSISTANT PHYSICIAN,
JOHN KIRBY, M. D.

SECOND ASSISTANT PHYSICIAN,
CHARLES P. BRITTON, M. D.

STEWARD,
EDMUND WHITE.

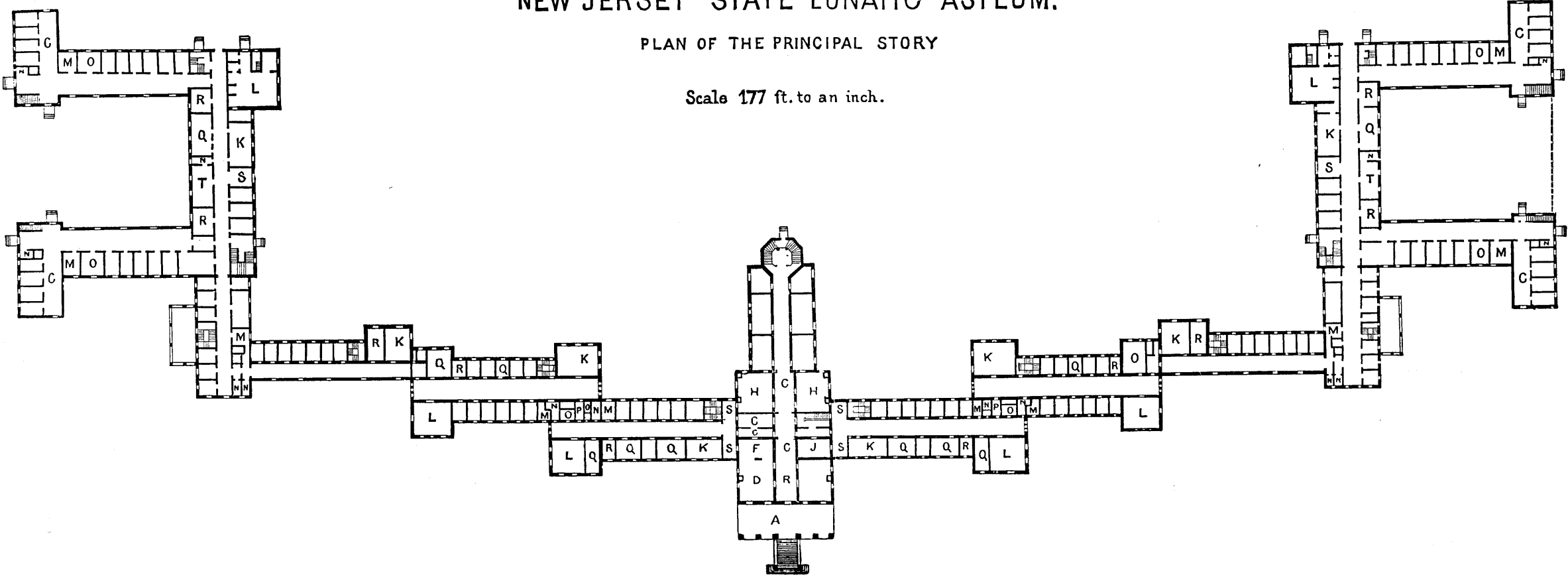
MATRON,
MRS. S. J. CLARK.

TREASURER,
AUSTIN SNIDER, Trenton.

NEW JERSEY STATE LUNATIC ASYLUM.

PLAN OF THE PRINCIPAL STORY

Scale 177 ft. to an inch.



REFERENCES TO PLAN.

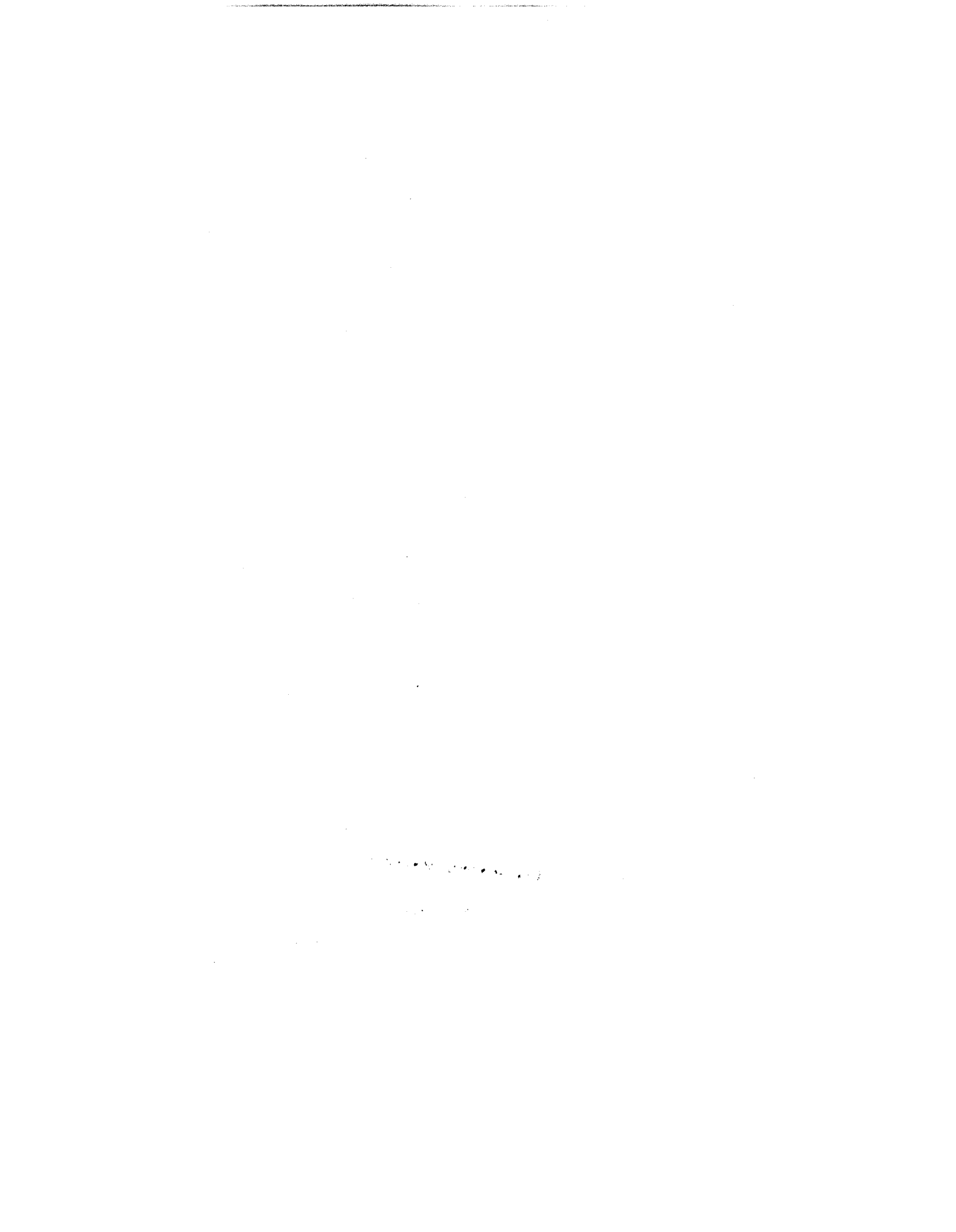
A. Portico. B. Entrance Hall. C. Halls of Centre and Wards. D. Superintendent's Office. E. Manager's Room and Public Parlor. F. Apothecary Room and Steward's Office. G. Medical Stores. H. Reception Parlors for Patients. I. Stairs. J. Assistant Physicians' Rooms. K. Dining Rooms. L. Parlors of Wards. M. Bath Rooms. N. Water-Closets. O. Clothes Rooms. P. Passage between 1st and 2d Wards. Q. Associated Dormitories. R. Attendants' Rooms. S. Spaces for Light and Air. Blank Rooms (Single Bed-Rooms for Patients.) O. V. Open Veranda for Exercise.

Foul Air Shafts. Dumb Waiters. Chimneys.

The CENTRE BUILDING is four stories high, the first being the Steward's Apartments, Kitchens and Store-Rooms. The second, the Public Offices, Parlors, &c. The third, the Superintendent's Private Rooms and the Chapel. The fourth, Bed-Rooms. The Tanks for supplying water occupy the Dome.

The WINGS are three stories high, and are similarly arranged, except the first story of those adjoining the Centre, which are arranged for various domestic offices and bed-rooms.

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MANAGERS' REPORT.

To His Excellency George B. McClellan, Governor of the State of New Jersey :

The Managers of the New Jersey State Lunatic Asylum respectfully submit this their thirty-third annual report. During their frequent visits, the members of the Board have noticed with great satisfaction the warm interest evinced by all the officials in the welfare of the institution and its inmates, and bear unanimous testimony to the skill and fidelity with which they have discharged their trusts.

The buildings are kept in perfect order, and the neatness and taste exhibited throughout the grounds render them most attractive, and cannot fail to be a source of pleasure to both patient and visitor.

The Board of Managers earnestly request your co-operation in urging not only the members of the Legislature, but the citizens generally, to visit and personally inspect the institution, that they may see for themselves how admirably adapted it is to the wants of its afflicted inmates; and how important that no mistaken policy, nor false economy, should be allowed to jeopardize its ability to fulfill its high mission.

During the thirty-three years it has been in operation, five thousand four hundred and ninety-five patients have been admitted for treatment. Of these, one thousand nine hundred and fifty-eight have been restored to the full possession of their mental faculties, and fourteen hundred and fifty-eight have been discharged, more or less benefited by the curative treatment of the Asylum.

The number of patients remaining in the Asylum October 31st, 1878, was five hundred and twenty-three; number received since, to November 1st, 1879, one hundred and thirty-two—making six hundred and fifty-five patients treated during the year. Of these, thirty-six have been discharged fully recovered, sixteen greatly improved, and forty-one have been removed by the authorities of Camden county to the county alms-house recently erected.

There are thirty-five insane convicts at present in the Asylum for treatment. It seems only necessary that the citizens of this State should fully realize the fact that, under the law as it now is, any

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member of their families, unfortunately requiring treatment at the Asylum, is liable to be associated with the insane convicts sent from the State Prison, to create such a public sentiment as would speedily wipe from the statute-book a law so repugnant to every sentiment of justice or humanity.

The Managers cannot but regret the failure of the last Legislature to authorize them to secure, beyond the possibility of loss, an additional quantity of land to that now belonging to the Asylum.

Another year's experience fully justifies their estimate of its importance for the comfort and health of the patients, and they respectfully call your attention to their views as expressed in last year's report, and urge their consideration.

It will be seen by consulting the Superintendent's report that the Asylum is charged no more for the products of the farm than would have to be paid for the same anywhere else, and the amount thus charged is sufficient to pay not only the rent of the farm, all the hire necessary for carrying it on, taxes and other expenses, but a handsome sum for profit besides. But the large item of \$2500 for hire, is not strictly chargeable to the farm alone, for the same force hauls all the coal used by the Asylum (3000 tons), which would cost at least fifty cents per ton, amounting to \$1500, besides other carting and labor necessary for the institution, and which would have to be paid for if the farm was not connected.

Thirty years of constant wear, together with the vastly increased requirements since first erected, constrained the Board of Managers to authorize the enlargement of the boiler-house, and the placing therein of an additional boiler. The house as now constructed is of ample dimensions, and is covered with a roof of corrugated iron, supported by iron trusses. All the shops formerly so crowded around the boiler-house have been either removed or separated from it by stone walls.

The Managers, warned by the terrible experience of similar institutions, have spared no pains to prevent the possibility of fire. New buildings, whenever erected, have been made, as nearly as possible, fire-proof; and they have endeavored to have all the appliances for the extinguishment of fires as complete as possible.

They have also torn down the dilapidated old dwelling attached to the laundry, and erected a substantial stone one, with ironing-room attached, in its place.

For the particulars of these and other repairs and improvements, together with a detailed account of the internal workings of the various departments, we respectfully refer you to the accompanying report of the Superintendent, whose arduous and responsible duties have been greatly increased by the improvements authorized by the Board of Managers during the past year; and, for the faithful manner in which he has performed them, they now desire to publicly thank him.

Which report, together with those of the Steward and Treasurer, is herewith submitted, and in which may be found the statistical information of the various operations of the past year.

The annual inventory of the personal property belonging to the Asylum has been made by the Steward and two appraisers, appointed by the Board, as required by law.

The appraisement amounts to the sum of one hundred and one thousand seven hundred and seventeen dollars and seventy-three cents (\$101,717.73), being an increase over that of last year of four thousand nine hundred and thirty-eight dollars and fifty-six cents (\$4938.56.)

The Board of Managers would especially call the attention of your Excellency to that part of the Superintendent's report relating to the laxity of the law in its requirements for the admission of private patients to the Asylum.

But, while congratulating ourselves upon the prosperous condition of this Institution, and its freedom from any fatal epidemic or excessive mortality during the past year, the close has brought us cause for the deepest sorrow, in the death of our esteemed associate, the Hon. Charles Hewitt. A man in the prime of life, of large experience, of sound judgment, and untiring energy, this Institution has lost in him a devoted friend and an able Manager; this Board, a genial companion and a wise counselor; the State, an influential and valuable citizen, and the world an honest man.

ALEXANDER WURTS,
CALEB S. GREEN,
SAMUEL M. HAMILL,
JOHN VOUGHT,
WILLIAM ELMER,
GARRIT S. CANNON,
JAMES BISHOP,
BENJAMIN F. CARTER,
JOSEPH H. BRUERE,

Managers.

November 12th, 1879.



STEWARD'S REPORT.

The New Jersey State Lunatic Asylum in account with Austin Snider, Treasurer, from October 31st, 1878, to October 31st, 1879.

DR.	CR.
AMOUNT PAID FOR SUNDRY ACCOUNTS.	
Amusements.....	Balance from last year..... \$14,099 08
Books and stationery.....	Received since, for board and clothing, of private patients..... 22,734 06
Building	Received since, for board and clothing of county patients..... 101,011 26
Clothing.....	Received since, for board and clothing of insane convicts 12,676 77
Farm and garden.....	Received since, for calves.. 74 50
Freight.....	Received since, for hides and tallow..... 3,458 72
Feed	Received since, for hogs... 606 16
Fixtures.....	Received since, for paper, rags, tea lead, &c..... 302 42
Fuel	Received since, for rents... 324 00
Furniture.....	
Funeral expenses.....	
Fruit.....	
Groceries	
Harness	
Household stores.....	
Incidental	
Improvements.....	
Insurance.....	
Laundry.....	
Light	
Lumber.....	
Medical	
Newspapers	
Petty current expenses.....	
Postage.....	
Provision.....	
Repairs	
Refunding	
Straw	
Smith and wheelwright....	
Stock.....	
Wages.....	
Wheat	
Balance	1879.
\$141,759 95	October 31st--Balance..... \$141,187 89
13,527 02	
\$155,286 97	

Respectfully submitted to the Board of Managers.

EDMUND WHITE,
Steward.



TREASURER'S REPORT.

To the Managers of the New Jersey State Lunatic Asylum :

GENTLEMEN :—I have the honor to submit the following abstract of receipts and disbursements for the fiscal year ending October 31st, 1879.

RECEIPTS.

Balance in hand November 1st, 1878	\$14,099 08
From the State Treasurer for the maintenance of county patients.....	\$20,793 13
From the State Treasurer for the maintenance of insane convicts.....	12,676 77
	33,469 90
From the following-named counties :	
“ Atlantic.....	\$1,085 00
“ Burlington.....	3,687 24
“ Cape May.....	1,649 64
“ Camden.....	5,814 43
“ Cumberland.....	7,265 27
“ Gloucester.....	4,211 73
“ Hunterdon.....	7,835 21
“ Mercer.....	14,539 23
“ Middlesex.....	13,720 26
“ Monmouth.....	8,709 48
“ Ocean.....	1,955 38
“ Salem.....	3,040 45
“ Somerset.....	6,704 81
	80,218 13
“ private patients.....	22,734 06
“ incidental sales.....	302 42
“ the sale of calves.....	74 50
“ “ “ hides and tallow.....	3,458 72
“ “ “ hogs.....	606 16
“ “ collection of rents.....	324 00
	\$155,286 97

DISBURSEMENTS.

For the Steward's orders	\$141,759 95
Balance to new account, November 1st, 1879.....	13,527 02
	\$155,286 97

Very respectfully your obedient servant,

Trenton, November 1st, 1879.

AUSTIN SNIDER, *Treasurer.*

We hereby certify that we have examined the Treasurer's accounts, and find them correctly stated and balanced according to the above statement.

CALEB S. GREEN,
S. M. HAMILL,
Auditing Committee.

SUPERINTENDENT'S REPORT.

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To the Managers of the New Jersey State Lunatic Asylum :

GENTLEMEN :—In compliance with a requirement of the act under which the Asylum is organized, the following report of its operations for the year ending October 31st, 1879, is respectfully submitted :

	Men.	Women.	Total.
Patients in the Asylum, October 31st, 1878..	281	242	523
Received since, to November 1st, 1879.....	76	56	132
<hr/>			
Under treatment during the year.....	357	298	655
Discharged recovered during the year.....	18	18	36
Discharged improved during the year.....	11	5	16
Discharged unimproved during the year....	4	2	6
Not insane.....	1	2	3
Died.....	29	18	47
Removed to other institutions	18	23	41
<hr/>			
Total discharged, died, &c., during the year,	81	63	149
<hr/>			
Remaining October 31st, 1879.....	276	230	506
Whole number of cases received and treated from the opening of the Asylum, May 15th, 1848, to November 1st, 1879.....	2,658	2,837	5,495
Discharged recovered.....	926	1,032	1,958
Discharged improved.....	648	810	1,458
Discharged unimproved	96	110	206
Escaped	15	4	19
Not insane.....	6	6	12
Died.....	534	469	1,003
Removed to other institutions.....	157	176	333
<hr/>			
Total discharged, died, &c.....	2,382	2,607	4,989
<hr/>			
Remaining under care, October 31st, 1879...	276	230	506

Statement showing the number of patients in the Asylum from each county in the State, October 31st, 1879, and the quota to which each county in the district, set apart for this institution, is entitled. The quotas are calculated upon the basis of the Census of 1875, and the capacity of the Asylum estimated at five hundred.

Counties.	Number in Asylum.	Quotas.
Atlantic.....	8	17
Bergen	4	..
Burlington	27	61
Camden.....	10	61
Cape May.....	7	9
Cumberland.....	41	40
Essex	13	..
Gloucester.....	21	28
Hudson	14	..
Hunterdon	48	43
Mercer.....	87	57
Middlesex.....	73	55
Monmouth	60	56
Morris.....	3	..
Ocean	16	16
Passaic.....	2	..
Salem.....	20	26
Somerset.....	38	31
Sussex.....	1	..
Union.....	9	..
Warren.....	2	..
From other States.....	2	
Total in the Asylum.....	506	

GENERAL RESULTS, &c.

The number of patients under care, at the close of last year, was five hundred and twenty-three—two hundred and eighty-one men, and two hundred and forty-two women. The number received since, viz., from November 1st, 1878, to October 31st, 1879, inclusive, was one hundred and thirty-two—seventy-six men and fifty-six women. The whole number of cases under treatment during the year was six hundred and fifty-five—three hundred and fifty-seven men and two hundred and ninety-eight women. Of this number, one hundred and forty-nine have been discharged, as follows: Considered as recovered, thirty-six; as improved, sixteen; as unimproved or stationary, six; as not insane, three; died, forty-seven; and transferred to other institutions, forty-one.

At the close of the year, there remained under treatment, five hundred and six—two hundred and seventy-six men and two hundred and thirty women.

Of this number, three hundred and ninety-four are classed as indigent, thirty-five as State, and seventy-seven as private patients.

The largest number under care at any one time during the year, was five hundred and twenty-two, and the smallest number, four hundred and seventy-six.

Death resulted, in fourteen cases, from pulmonary consumption; in eight, from general paralysis; in seven, from general (chronic) exhaustion; in three, from exhaustion of acute mania; in three, from chronic diarrhœa; in two, from apoplexy; in two, from cardiac dropsy; in two, from epilepsy; in two, from albuminuria; in two, from valvular disease of the heart; and in one each, from hepatic abscess and inflammation of the bowels.

Of those who died, four were in the Institution less than two weeks; five, less than one month; three, less than three months; three, between six and nine months; seven, between nine months and one year; and twenty-five for more than one year.

The death rate, in proportion to the whole number under treatment during the year, has been a little more than seven per cent. While this would seem a large percentage, it will be seen, by reference to the causes as given above, that a very large majority were the result of chronic and lingering diseases. Death has, in no case, occurred from any acute disease, except in those from exhaustion following protracted maniacal excitement, and, in one case, from inflammation of the bowels. The ratio of recoveries, in proportion to those admitted during the year, is a little more than twenty-seven per cent. While this result compares favorably with that obtained in former years, it probably would have been very largely increased, if patients had been placed under care before the disease had assumed a chronic form. Much has been written concerning the

necessity for early treatment in insanity. The reports of this and other hospitals, annually bring it to the notice of the public, yet its importance does not seem to be understood; or, if it is understood, it is almost entirely disregarded. Few diseases have a more decided tendency to become chronic in character, if neglected, than insanity, and it is equally true that it is as amenable to treatment, in its early stages, before structural changes have taken place, as any other disorder of the nervous system. It is an important and significant fact that, of the thirty-six who were discharged as recovered during the year, only five had been deranged prior to being placed under our care for a period of longer than one year. In confirmation of this opinion expressed in regard to the very great necessity for prompt treatment in mental diseases, I cannot do better than quote from Dr. Forbes Winslow, who says that "It is a well-established fact that a large percentage of cases of insanity admit of cure, if treated in the early stages, provided there be no strong constitutional predisposition to cerebral and mental affections, or existing cranial malformations; and, even when an hereditary taint exists, derangement of mind generally yields to the steady and persevering administration of therapeutic agents, combined with judicious moral measures, provided the first symptoms of the malady be fully recognized, and the cerebral condition, without loss of time, combated by remedial treatment."

The following table has been carefully prepared from the records, in order to show the duration of insanity, prior to admission, in those placed under our care during the year:

	Men.	Women.	Total.
Deranged less than one month.....	2	6	8
one to three months.....	15	4	19
three to six months.....	9	5	14
six to nine months... ..	3	8	11
nine months to one year.....	6	4	10
one to two years.....	10	7	17
two to three years.....	14	6	20
three to four years.....	6	1	7
four to five years.....	4	2	6
five to ten years.....	1	4	5
ten to fifteen years.....	2	6	8
fifteen to twenty years.....	1	2	3
twenty to twenty-five years...	1	1	2
twenty-five to thirty years.....	1	0	1
over thirty years.....	1	0	1
	76	56	132

STATE LUNATIC ASYLUM REPORT.

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The form of mental derangement in those admitted was as follows:

	Men.	Women.	Total.
Mania, acute.....	12	8	20
Mania, chronic.....	17	12	29
Mania, recurrent.....	3	2	5
Mania, hysterical.....	0	1	1
Mania, puerperal.....	0	2	2
Dementia, acute.....	3	3	6
Dementia, chronic.....	16	8	24
Dementia, senile.....	3	3	6
Melancholia, acute.....	5	6	11
Melancholia, chronic.....	9	5	14
General paralysis.....	3	0	3
Epilepsy.....	4	4	8
Not insane.....	1	2	3
	<hr/>	<hr/>	<hr/>
	76	56	132

Table showing the ages of those admitted, and of those who were discharged as recovered during the year:

	<i>Admitted.</i>			<i>Discharged recovered.</i>		
	Men.	Women.	Total.	Men.	Women.	Total.
From 10 to 20.....	1	0	1	1	0	1
20 to 30.....	13	9	22	6	2	8
30 to 40.....	19	12	31	5	8	13
40 to 50.....	15	16	31	2	3	5
50 to 60.....	8	6	14	2	3	5
60 to 70.....	6	5	11	1	2	3
70 to 80.....	4	1	5	1	0	1
Over 80.....	1	1	2	0	0	0
Unknown.....	9	6	15	0	0	0
	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
	76	56	132	18	18	36

The alleged exciting causes of insanity in those admitted were as follows:

	Men.	Women.	Total.
Ill health.....	9	10	19
Vicious habits and indulgences.....	6	1	7
Alcoholism.....	5	0	5
Sunstroke, or prostration by heat.....	3	1	4
Epilepsy.....	4	4	8
Domestic afflictions.....	3	6	9

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	Men.	Women.	Total.
Injury to head.....	8	0	8
Loss of sleep.....	5	3	8
Financial troubles.....	8	1	9
Over-work.....	1	2	3
Spiritualism.....	1	1	2
Old age.....	3	3	6
Religious excitement.....	1	2	3
Excessive use of tobacco.....	4	0	4
Injury to spine.....	0	1	1
Opium habit.....	2	1	3
Over-study.....	1	1	2
Domestic troubles.....	1	2	3
Puerperal.....	0	2	2
Change of life.....	0	7	7
Disappointment.....	0	1	1
Want of employment.....	3	0	3
Not insane.....	1	2	3
No cause assigned.....	7	5	12
	76	56	132

Of the three persons who were discharged as not insane, one was an idiot, properly excluded by section forty-one of the act organizing the Asylum; one was addicted to the use of opium, who was entirely free from delusions or any other evidence of insanity proper, and one was merely a case of ordinary intemperance. In this connection it would seem proper to call the attention of your Board to the advisability of some change in the manner of admissions in the case of private patients. According to section fifty of the act governing the Asylum, all that at present is required to secure the admission to the hospital of a patient of the private class, is the simple certificate of one physician that the person is insane. In the case of all patients other than those of the private class, this certificate is required to be given under oath. It would seem but justice that the same regulation should apply equally to the admission of all patients who require the care of a hospital of this kind. During the year three additional patients have been admitted under authority of the act of the Legislature, approved March 12th, 1869, making in all thirty-five of this class now under care in the institution. Attention has frequently been called to the impropriety as well as injustice of treating this class of persons in an ordinary hospital for the insane. Another year's experience only confirms the correctness of the opinions expressed upon this subject to your Board in former annual reports.

REPAIRS AND IMPROVEMENTS.

The various improvements ordered to be made during the year by your Board have been completed. Principal among these may be mentioned the enlarging and entirely remodeling the boiler-house and coal vault; the erection of a building to be used as an ironing-room and residence for the employees at the laundry, and the introduction of steam ovens in the kitchen for cooking meats, &c. It was found necessary to increase the size of the boiler-house in order to enable us to introduce additional boilers—those at present in use proving inadequate for supplying a sufficient amount of steam for warming the building and for cooking purposes during the past winter. It was also thought desirable to increase the capacity of the coal vault, situated immediately in the rear of the boiler-house. Heretofore we have been unable to store coal in any considerable quantity, rendering it necessary to keep the teams constantly employed during the bad roads and inclement weather of winter, in order to keep up the requisite supply. Both buildings have been placed under one roof, constructed of corrugated iron, supported by iron trusses, rendering the whole structure entirely fire-proof. The work has been substantially done, and in as economical a manner as possible.

The new building at the laundry is constructed of stone, thirty by forty feet in size, and two stories in height, and takes the place of an old frame building which was so much dilapidated as not to warrant the outlay necessary to put it in proper repair. The new ironing-room is situated between the laundry and dwelling-house, connecting the two, and is twenty by twenty-four feet in size, and one story in height. The steam ovens referred to are of cast iron, and have a capacity for roasting seventy-five pounds of meat each. Ten, in all, have been introduced—two into each of the kitchens at the extremities of the building, and six in the main central kitchen. They have thus far proven entirely satisfactory, doing the cooking very much better and in a more economical manner than by the ordinary methods.

AMUSEMENTS.

During the fall, winter and spring months, we have had the usual weekly entertainments in the amusement room of the hospital. These have consisted principally of dancing, concerts, the performance of parlor theatricals, and exhibitions of the stereopticon with the oxy-calcium light. From year to year we have added as opportunity offered to our collection of photographic views for exhibition by the stereopticon, until we have now about twelve hundred slides, thereby enabling us to exhibit accurate and beautiful views of most of the prominent public buildings and remarkable natural scenery of nearly every quarter of the globe. The exhi-

bition of these pictures is always accompanied with a short descriptive sketch of each, thereby affording both instruction and amusement. It is impossible for one unacquainted with a hospital of this character to form a proper estimate of the value and importance of these entertainments. They help to break up the monotony of the long winter evenings and not infrequently call the mind of a sufferer from his own troubles, thereby acting an important part towards the restoration of his mental health. It has been truthfully stated that, "whatever has banished a delusion from the mind of a patient for a single hour, has done a work whose value is not always easily calculated, and if for the first time, it has made the way easier for another lucid interval."

FARM AND GARDEN.

The amount of land under cultivation, including orchards and that portion used for grazing purposes, is about two hundred and thirty-five acres, sixty-five only of which belong to the Asylum; the remainder constitutes the farm adjoining our own, and was rented by order of your Board in April last. The following table, furnished by the Steward, shows the products of the farm and garden, with the estimated values of the same for the year.

FARM.

103 tons of hay.....	@ \$12 00	\$1,236 00
612 bushels of wheat.....	" 1 40	856 80
2,023 bushels of corn.....	" 50	1,011 50
640 bushels of oats.....	" 35	224 00
1,170 bushels of potatoes.....	" 50	585 00
200 bushels of mangold wurtzel beets....	" 25	50 00
200 bushels of ruta бага turnips.....	" 25	50 00
55 bushels of apples.....	" 50	27 50
473 gallons of cider.....	" 10	47 30
1½ acres of green corn.....	" 40	60 00
6,069 bundles of stalks.....	" 03	182 07
25 weeks' pasture for 40 cows.....	" 50	500 00
Rents		324 00
		<hr/>
		\$5,154 17

GARDEN.

16 bushels of asparagus.....	@ \$1 50	\$24 00
20 bushels of spinach.....	" 20	4 00
25 bushels of cucumbers.....	" 50	12 50
100 bushels of peas.....	" 50	50 00

40 bushels of bunch beans.....	@ \$1 00	\$40 00
20 bushels of lima beans.....	" 2 00	40 00
420 bushels of tomatoes.....	" 25	105 00
30 bushels of squashes.....	" 50	15 00
30 bushels of onions.....	" 80	24 00
25 bushels of carrots.....	" 40	10 00
100 bushels of ruta бага turnips.....	" 25	25 00
300 bushels of flat turnips.....	" 20	60 00
200 bushels of parsnips.....	" 30	60 00
225 bushels of beets.....	" 30	67 50
10 bushels of oyster-plants.....	" 1 00	10 00
20 bushels of peppers.....	" 50	10 00
30 bushels of egg-plants.....	" 50	15 00
5 bushels of okra.....	" 50	2 50
13 bushels of grapes.....	" 2 00	26 00
2,500 heads of lettuce.....	" 02	50 00
6,000 heads of celery.....	" 05	300 00
7,000 heads of cabbage.....	" 03	210 00
300 heads of cauliflower.....	" 10	30 00
10,000 ears of corn.....	" 00 $\frac{1}{2}$	50 00
1,200 bunches of rhubarb.....	" 03	36 00

\$1,276 50

Total farm and garden..... \$6,430 67

Expenses have been—

Rent	\$1,500 00	
Labor	2,500 00	
Seed	200 00	
Implements	40 00	
Fertilizers.....	466 00	
	<hr/>	4,706 00

Balance.....

 \$1,724 67

In the above estimate for wages, it should be mentioned that all the work of hauling coal and building material, removing the garbage, &c., from the house, besides keeping the grounds about the institution in proper order, has been performed by those employed as regular farm-hands.

DAIRY.

From the dairy we have received an average daily supply of about seventy five gallons of milk. The following exhibit shows the receipts and expenditures of the dairy for the year.

Receipts as follows :

Manure		\$300 90
4 beeves		206 10
Calves		74 50
Milk for November, 1878, 2,070 gallons.		
“ December, “ 2,234 “		
“ January, 1879, 2,370 “		
“ February, “ 2,082 “		
“ March, “ 2,207 “		
“ April, “ 2,016 “		
“ May, “ 2,350 “		
“ June, “ 2,512 “		
“ July, “ 2,333 “		
“ August “ 2,424 “		
“ September, “ 2,310 “		
“ October, “ 2,356 “		
	27,264 gallons @ 17c.....	4,634 88
		<u>\$5,215 48</u>

Expenditures as follows :

Stock purchased		\$380 00
Pasture		500 00
Feed (ground)		1,017 00
1½ acres green corn	@ \$60 00	
4,891 bundles of stalks	“ 03	146 72
70 tons of hay	“ 10 00	700 00
330 bushels of mangold wurtzel beets	“ 25	82 50
300 bushels of ruta бага turnips	“ 25	75 00
Wages—one man @ \$45 per month		540 00
“ “ “ “ 25 “ “		300 00
		<u>\$3,801 23</u>
Balance in favor of dairy		\$1,414 25

GRIST MILL.

The following statement shows the operations of the grist mill from November 1st, 1878, to October 31st, 1879, inclusive :

Ground for the use of the institution—

141,750 lbs. of flour.
 43,006 lbs. of corn meal.
 41,722 lbs. of corn and oats.
 29,598 lbs. of bran.

Grist-work for customers—

2,170 bushels of wheat.
 188 bushels of rye.
 2,461 bushels of corn.
 3,274 bushels of corn and oats.

The average wholesale price of flour in the markets, during the year, has been \$2.65 per cwt., while the actual cost to the institution has been but \$2.37, thus effecting a gain of.....

Gain on corn meal.....	\$396 90
Gain on corn and oats.....	141 90
Tolls received.....	75 10
126 tons of coal (amount required for pumping).....	608 20
	548 10

\$1,770 20

Wages.....	\$747 23
Insurance.....	120 00
Incidentals.....	50 00

\$917 23

Net gain..... \$852 97

The total number of animals slaughtered has been as follows: Steers, 218; sheep, 305; lambs, 315; calves, 21; cows, 2. The average cost to the hospital, for beef furnished, has been about eight cents per pound, dressed weight.

By reference to the Steward's statement of accounts, it will be found that there remained, at the close of the year, a balance in favor of the Treasurer of thirteen thousand five hundred and twenty-seven dollars and two cents.

SEWING-ROOM.

In addition to the ordinary mending, the Matron reports that the following list of articles have been made in the house during the year. It is proper to state that the most of this work is the result of patients' labor. What is gained by this labor is not to be considered so much as that it gives proper and useful employment to many who would otherwise remain listless and inactive upon the corridors. Too much cannot be said in favor of the proper employment of our people at some useful occupation, as one of the means of successful treatment.

Dresses.....	308
Skirts.....	72
Sacks.....	77
Petticoats.....	214
Chemises.....	100

Night dresses.....	22
Cotton flannel vests.....	243
Drawers, pairs.....	383
Socks, pairs.....	92
Stockings. pairs.....	64
Curtains, pairs.....	101
Shirts.....	580
Collars.....	71
Aprons.....	250
Handkerchiefs.....	140
Cravats.....	152
Tidies.....	50
Table-cloths.....	62
Napkins.....	60
Towels.....	511
Sheets.....	311
Pillow-cases.....	597
Comfortables.....	47
Counterpanes.....	115
Blankets.....	216
Clothes bags.....	34
Straw ticks.....	60
Single mattresses.....	96
Double mattresses.....	1
Spring mattresses.....	22
Bolting cloths.....	6
Suspenders.....	138
Whole number of articles made.....	5,195

ACKNOWLEDGMENTS, &C.

To each of the resident officers I am under grateful obligations for the hearty and efficient aid which they have rendered me in conducting the affairs of the hospital during the year.

To the many faithful attendants and employees who have been engaged with me in carrying on the work of the institution, I desire to express sincere thanks.

To the various clergymen of Trenton and vicinity we are under obligations, as in the past, for conducting the services in our chapel on the Sabbaths throughout the year.

Our thanks are also due to the editors of the following daily and weekly newspapers for gratuitous copies, viz.:

Daily State Gazette, Trenton.

“ True American, “

“ Emporium, (2 copies), Trenton.

Trenton Herald, (2 copies), Trenton.

New Jersey Staats Journal, German, (2 copies), Trenton.
 Daily Staats Journal, German, (4 copies), Trenton.
 Newark Daily Journal, Newark.
 Beobachter am Passaic, German, Newark.
 Perth Amboy Gazette, Perth Amboy.
 Salem Sunbeam, Salem.
 National Standard, Salem.
 New Jersey Mirror, Mount Holly.
 Mount Holly Herald, " "
 Bridgeton Chronicle, Bridgeton.
 West Jersey Patriot, "
 West Jersey Pioneer, "
 Bound Brook Chronicle, Bound Brook.
 Monmouth Weekly Democrat, Freehold.
 Burlington Gazette, Burlington.
 Hunterdon County Democrat, Flemington.
 National Democrat, Rahway.
 The Constitution, Woodbury.
 Millville Herald, Millville.
 Millville Daily, "
 Mays Landing Record, Mays Landing.
 Middlesex County Democrat, New Brunswick.
 Independent Hour, Woodbridge.
 Camden County Courier, Haddonfield.
 Camden Democrat, Camden.
 Somerset Gazette, Somerville.
 Beverly Banner, Beverly.
 The Fredonian, New Brunswick.
 The Times, " "
 Journal of Chemistry, Boston, Mass.

We are also much indebted to the Rev. S. J. Morris, of Bound Brook, N. J., for a very interesting lecture, in our chapel, upon "Sights in London;" also to the ladies and gentlemen of two of the musical societies of Trenton, and to the Buell Family, of Maryland, for concerts, which were greatly enjoyed by the members of our household.

The following donations are also acknowledged with pleasure:
 From Miss D. L. Dix, several volumes for the ward libraries, besides flower seeds, plants, &c.

From a friend, Salem, N. J., books for the ward libraries.

From Edward L. Wilson, Philadelphia, Pa., one hundred beautiful views for the stereoscope.

From Gen. Lewis Perrine, a collection of handsome plants for our green-house.

From Mahlon Moon, Morrisville, Pa., several baskets of cut flowers for the wards.

From Rev. John Hall, Trenton, papers, magazines, &c.

From Miss R. C. Reeves, Allowaystown, several volumes of Scribner, Good Words and Atlantic Monthly, for ward libraries.

In closing this review of the operations of the Asylum for the year, I take this opportunity of expressing my thanks to the members of the Board for their continued kindness, and for the support given me in my efforts to discharge the duties of the position which I occupy. Trusting that the blessings of Him who has watched over us in the past may rest upon our efforts in the coming year, this report is respectfully submitted.

JOHN W. WARD.

New Jersey State Lunatic Asylum,
Trenton, November 1st, 1879.

ADMISSION OF PATIENTS.

PRIVATE PATIENTS,*

Or those supported by themselves or their friends, are admitted to the Asylum when there are vacancies, on their complying with the directions and forms contained in chapters nineteen, twenty, twenty-one and twenty-two of the by-laws of the institution, which are in substance as follows:

That patients of all classes be made perfectly clean and free from any contagious or infectious disease; that they be provided with suitable clothing, and sufficient in quantity for one or more changes; that a written history of patients be sent with them, or that they be accompanied by a person capable of giving such information; that a "request for their admission" be made by some friend; that a "certificate of insanity," by one respectable physician, be brought with the patient; and lastly, that a bond, with satisfactory sureties, be given for the payment of their expenses, such payment being made quarterly in advance, and for their removal when discharged.

The forms of "request for admission," "certificate of insanity," and "bond for support," &c., are as follows:

FORM OF REQUEST.

To the Superintendent of the New Jersey State Lunatic Asylum:

The undersigned, of the township of —, in the county of —, is desirous of placing in the State Lunatic Asylum, at Trenton, and hereby requests the admission therein of — —, a resident of the township of —, in the county of —, who is aged — years, and has been [here state what the occupation, profession or business of the person has been.] He [or she] is a native of —, in the State of —, and is [here state what the relationship or circumstances of connection may be] of the undersigned.

[Then should follow a written history of the case, stating the alleged cause of insanity, when it commenced, and all the particulars of the case.]

Dated —, 18—.

* Application for admission of patients, if made by letter, should be addressed to the Superintendent,

FORM OF CERTIFICATE OF INSANITY.

I, A. B., physician, of the township of —, in the county of —, do certify that I have examined into, or am acquainted with the state of health and mental condition of C. D., in the township of —, in the county of —, and that he is, in my opinion, insane, and a fit subject to be sent to the State Lunatic Asylum.

Signed, A. B.

Dated —, 18—.

[The law requiring the certificate of two physicians, under oath, was repealed by supplement of March 1st, 1850.]

FORM OF BOND.

Know all men by these presents, that we, — —, of the township of —, of the county of —, are held and firmly bound unto — —, Treasurer of the New Jersey State Lunatic Asylum, and his successors in office, in the sum of one thousand dollars, for the payment of which we jointly and severally bind ourselves firmly by these presents.

Sealed with our seal, and dated this — day of —, 18—.

Whereas, — —, of the township of —, in the county of —, a lunatic, has been admitted a boarder in the New Jersey State Lunatic Asylum, at Trenton: Now, therefore, the condition of this obligation is, that if the said obligators shall pay to the Treasurer, or his successor in office, the sum of — dollars and — cents per week, for the board of said lunatic, so long as — shall continue a boarder in said Asylum, with such extra charges as may be occasioned by — requiring more than ordinary care and attention, and shall provide for — suitable clothing, and pay for all such necessary articles of clothing as shall be procured for — by the Steward of the Asylum, and shall remove — from the Asylum whenever the room occupied by — shall be required for a class of patients having preference by law, or in the opinion of the Superintendent, to be received into said Asylum; and if — should be removed at the request of — before the expiration of six calendar months after reception, then if such obligators shall pay board for twenty-six weeks, unless — should sooner be cured, and if they shall also pay, not exceeding fifty dollars, for all damages — may do to the furniture or other property of the Asylum, and for reasonable charges in case of death, such payment for board and clothing to be made quarterly, in advance, from date of admission, and at the time of removal, with interest on each bill, from and after the same becomes due, then this obligation to be void, otherwise to remain in force.

Signed and sealed in presence of —

FORM OF ORDER, ETC., FOR JUDGES.

I, A. B., one of the Judges of the Court of Common Pleas of the county of —, and State of New Jersey, do hereby report that application has been made to me on behalf of C. D., a resident of the township of —, in said county, alleged to be insane, [and in indigent circumstances, or a pauper, as the case may be,] and that, pursuant to the act of the Legislature in such cases made and provided, I have called before me Dr. —, a respectable physician, and other credible witnesses, to wit: [state their names] and, having examined them, and fully examined the case, and not deeming it necessary to call a jury, I do hereby decide and certify that satisfactory proof has been adduced before me, showing the said C. D. to be an insane person, and that — has not sufficient estate or means to support — under said visitation.

Given under my hand at —, in the county and State aforesaid, this — day of —, in the year of our Lord one thousand eight hundred and —.

A. B.

— County, *ss.*:—I, A. B., being duly sworn according to law, do certify and declare that I have examined into the state of health and mental condition of C. D., of the township of —, of said county of —, and that I am of opinion that — is insane.

A. B., *Physician.*

Sworn to and subscribed before me this — day of —, A. D. 18—.

A. B., *Judge, etc.*

Endorse on certificate, "Approved. A. B., Chosen Freeholder of the township of —, and county of —."

STATE OF NEW JERSEY, }
— County. }

I, A. B., Clerk of the county of —, do hereby certify that the foregoing is a true copy of the report and certificate of —, one of the Judges of the Court of Common Pleas of said county, in the case of —, and also the certificate of Dr. —, thereunto appended, as filed in my office; that the foregoing is a true copy of the endorsement thereon, and that A. B., whose name is signed to the said endorsement of approval, is a member of the Board of Chosen Freeholders of said township, in said county, and that said signature is in his proper handwriting.

In witness whereof I have hereunto set my hand and seal of office, at —, this — day of —, A. D. 18—.

A. B., *Clerk.*

New Jersey State Library