ANNUAL REPORT

OF THE OFFICERS OF THE

TOWN OF WATERTOWN

FOR THE

YEAR ENDING JANUARY 31, 1878.

BOSTON:
PRESS OF ROCKWELL AND CHURCHILL,
NO. 39 ARCH STREET.
1878.
TOWN OFFICERS, 1877.

Selectmen, Surveyors of Highways, Overseers of the Poor, and Appraisers.
OLIVER SHAW, Chairman,
SAMUEL WALKER, Clerk,
JAMES W. MAGEE.

Town Clerk.
TILDEN G. ABBOTT.

Town Treasurer.
JOHN K. STICKNEY.

Assessors.
GEORGE L. NOYES, Chairman,
CHARLES J. BARRY,
JOHN W. TUTTLE.

School Committee.
Rev. J. F. LOVERING, Chairman,
Rev. M. M. GREEN, Secretary,
JOHN MURRAY,
JESSE F. WHEELER,
Rev. THOMAS W. BISHOP,
CHARLES F. FITZ,
Term expires March, 1878.
“ “ “ 1879.
“ “ “ 1880.

Auditor.
HOWARD RUSSELL.

Constables.
GEORGE PARKER,
SAMUEL F. STEARNS.

Collector of Taxes.
GEORGE L. NOYES.
TOWN OFFICERS.

Fence Viewers.  
JOHN COOLIDGE, Jr.,  
EZRUM V. HOWARD,  
DANIEL A. TAINTER.

Trustees Free Public Library.  
CHARLES J. BARRY, Chairman,  
GEORGE K. SNOW, Secretary,  
GEORGE N. MARCH, Treasurer,  
A. C. STOCKIN,  
JOSHUA COOLIDGE,  
ALFRED HOSMER, M.D.,  
Term expires in 1879.  
Term expires in 1878.  
Term expires in 1880.  
Term expires in 1878.  
Term expires in 1880.  
Term expires in 1879.

Field Drivers.  
WILLIAM H. PIERCE,  
J. Q. A. PIERCE,  
JOSIAH B. HOLDER,  
JOHN G. B. DADMUN,  
FRANK PENDERGHAST,  
SYDNEY E. HORNE,  
JAMES M. BEAN,  
FORREST W. WHITE,  
JAMES J. BARNES,  
CHARLES E. LIVERMORE,  
P. J. KELLY,  
EZRUM V. HOWARD.

Officers appointed by the Selectmen.  
Regular Policemen.  
GEORGE PARKER,  
EZRUM V. HOWARD.

Policemen with pay when on duty.  
THOMAS CARROLL,  
RICHARD NEWMAN,  
JAMES H. FRASER,  
JAMES F. BURKE.

Policemen appointed without pay.  
FRANK H. FORBES,  
GEORGE H. GREGG,  
NATHANIEL GEE,  
OSCAR F. KNOX,  
H. L. HALE,  
GEORGE E. S. HUTCHINS,  
HIRAM McGLAUFILIN,  
JOSEPH COLLINS,  
EDWARD PATCHETT,  
THOMAS LANGSTON,  
CHARLES W. DAVIS.

Fire and Special Police with pay while on duty.  
H. B. CHENEY,  
L. ALLEN SHAW,  
CHESTER SPRAGUE,  
H. P. HUBBARD,  
OWEN McGRAITH,  
D. B. TRASK.
TOWN OFFICERS.

Engineers of Fire Department.

GEORGE B. MOORE, Chief,
CHARLES W. BERRY,
WILLIAM E. FARWELL.

Keeper of Lockup.
HIRAM McGLAUFLIN.

Superintendent of Highways.
WILLIAM PERKINS.

Sexton and Undertaker.
ALEXANDER GREGG.

Pound-Keeper and Keeper of Almshouse.
ZACHARIAH BOODY.

Sealer of Weights and Measures.
GEORGE H. GREGG.

Surveyors and Measurers of Wood and Bark.

CHARLES W. BERRY, ARTEMUS B. ROGERS,
WILLIAM H. PEVEAR, HARRY E. DADMUN.

Clerks of the Market.

J. ALBERT SULLIVAN, GEORGE PARKER.

Measurers of Grain.

FREDERICK HUTCHINS, JOHN BOYCE.

Public Weigher and Superintendent of Hay Scales.

THOMAS PATTEN.

Private Weighers of Hay, Coal, Live Animals, etc.

EDWARD B. EATON, WILLIAM P. HARRIS,
WM. H. PEVEAR, B. F. WYETH,
THOMAS GAVAN, A. D. HENDERSON,
L. P. HAMMOND, ROBERT GILLESPIE.

Janitor of Town Hall.

ALEXANDER GREGG.
REPORT OF THE SELECTMEN.

The time for the appearance of the annual reports having arrived, the Selectmen desire to say, before presenting to the town the detailed reports of the various town officers respecting the transactions in their several departments, and all matters of public interest connected therewith, that while this town has suffered in common with all other towns in the Commonwealth and throughout the entire country, in consequence of the severe and unparalleled depression in all departments of business activity, which has prevailed, paralyzing, as it were, all energy and enterprise, they are very happy to be able to congratulate the citizens upon the remarkable good health which has prevailed in town during the year, as appears by the report of the Town Clerk, given below, showing that the number of deaths this year is less than one half the number which occurred the year preceding, and is far below the average for the five previous years.

TOWN HALL.

The Town-Hall Building has been thoroughly repaired and repainted on the inside.

DREDGING CHARLES RIVER.

Petitions are in circulation numerously signed by the citizens of Newton, Cambridge, and Watertown, praying Congress for an appropriation for the purpose of dredging Charles river. We call attention to this subject, in order that the
town may take such action as it may deem best calculated to secure so desirable an object.

**TEMPLETON FUND.**

This fund, amounting to twenty-five hundred dollars (2,500) remains in the hands of the Town Treasurer. The income thereof has been expended by the Overseers of the Poor, in accordance with the provisions of the will of the late John Templeton, the donor, as shown by their report below.

**CONCRETE WALKS.**

We have extended the concrete walks on Mount Auburn street, from Arlington street to the Belmont line; also on the south side of Main street from the National Bank to Green street. We are of the opinion that there will be but little demand for additional walks the coming year. We think the remark made by a stranger, recently visiting town, that "Watertown ought to be proud of her concrete walks," is no more than just, and we consider the amount of money expended during the year for sidewalks and crossings to be a judicious investment: The cost to abutters of laying concrete walks may be annoying at times, but in making our assessments for the same we have endeavored to be just and fair to all parties interested.

**TAX SALES OF REAL ESTATE.**

Most of the real estate sold by the Collector for the non-payment of taxes prior to 1877, and shown in the report of the Auditor for the year ending Jan. 31, 1877, has been redeemed. One piece of property, however, known as the silk factory, was sold for the non-payment of taxes assessed in 1871. The sale was afterwards decided by legal counsel to be invalid. The property was again sold in 1877 for
taxes assessed thereon in 1871, 1872, 1873, and 1874. Previous to the last-mentioned sale the parties holding a second mortgage sold under a foreclosure, and now claim that the property, having changed hands, is not liable, according to law, for taxes assessed upon the same more than two years prior to said foreclosure. To make sure of the taxes for 1875 and 1876 the Collector sold the rents and profits, which were bought by the parties claiming under the foreclosure. The validity of the title under the tax-sale of 1877 is liable to be called in question, and doubtless will not be settled without an appeal to the Courts. We think that this matter should be left in the hands of the Selectmen, with full power and authority to employ counsel.

FIRE DEPARTMENT.

This department is in a very satisfactory condition. An addition to the engine-house has been made, according to the instructions given by the town at its last annual meeting to the Selectmen and Board of Engineers. No citizen can be in doubt, if he will only visit the engine-house, of the advisability of the course pursued by them, and which we believe has done much towards making the Watertown Fire Department ever ready for a fire. But few fires are reported for the year, and the efficiency of our Fire Department, we think, has a manifest effect in lowering the rates of insurance. The Selectmen and Board of Engineers have had under consideration the matter, referred to them at the last annual meeting, of establishing a telegraphic connection with East Watertown, but have taken no definite action thereon, in consequence of the rapid and practicable development of the medium of communication by telephone; and the superiority and cheapness of the latter method we deem well worthy of consideration, and we respectfully ask the instruction of the town with reference to the same.
REPORT OF THE SELECTMEN.

NEW STREETS.

The only street accepted during the year is the extension of Summer street, from White's avenue to a private way at residence of Mrs. Kelly.

REGISTER OF VOTERS.

The preparation of the Register, as required under the recent Registration Act, has caused the Board, and especially the Town Clerk, a very large amount of extra and pains-taking labor. This has been done without compensation, with the exception of merely a nominal fee to the Clerk and Collector, whilst other towns no larger than this have appropriated a sum not less than five hundred (500) dollars to carry the act into effect.

POLICE DEPARTMENT.

There has been no change in the Regular Police. The services of the Regular Police the past year are worthy of the highest commendation. The efficient and prompt action of Messrs. Howard and Parker, especially in capturing the notorious burglar with many aliases, and by such action being mainly instrumental in successfully securing and bringing to justice a notorious and dangerous gang of thieves, infesting not only this community and State, but also other States, cannot be overestimated.

FIRE POLICE.

This department remains about the same as last year. This Force, we are happy to say, owing to the small number of fires which have occurred during the year, have not been often called upon; but in case of an extensive fire they would be able to render very essential and valuable service.
STREET LIGHTS.

Eleven (11) new lamp-posts have been added during the year; the total number now in use being 175. Of these, 86 are gas, at a cost of $21 each per annum; and 89 are naphtha, at a cost of $18 per light. Wherever pipe is laid we consider gas the cheaper and better for use than naphtha. During the fall months much fault was found with the gasoline, but of late it seems to be giving better satisfaction. The contract for lighting the street lights expires May 1, 1878, and we think that the expense for performing such service may be somewhat reduced.

DRAINAGE.

The Selectmen would recommend that this department be abolished, and that all demands for drainage caused by the repairing of streets or construction of sidewalks be transferred to the Highway Department.

LOCK-UP.

Mr. Hiram McGlauffin still has charge of the Lock-up, and the receipts therefrom, amounting to $15, have been passed into the town treasury.

Occasionally during the year water has flowed into the cellar, and we suggest that some suitable and early action be taken to obviate this trouble.

BRIDGES AND CULVERTS.

The bridges and culverts are generally in a good condition. The cost of repairing the Arsenal-street bridge, near North Brighton, was nearly one-half of the amount — one thousand (1,000) dollars — appropriated at the annual meeting in 1877, for this department.
TOWN DEBT.

The town, at the annual March meeting appropriated seventy-five hundred (7,500) dollars towards paying a portion of the town debt. One person holding a demand note against the town requested the payment of one hundred (100) dollars on said note, which was granted and charged to the Contingent Fund, thus making the total amount paid on debt during the year $7,600.

The town's total indebtedness is now $79,293.00, most of which is overdue. The uncertain financial condition of the country renders it probable that the greater portion of said indebtedness may be demanded at short notice. In view of this fact the Board recommends that the Town Treasurer be authorized to borrow, under the direction of the Selectmen, a sum not exceeding sixty thousand (60,000) dollars, for a term of not less than three nor more than ten years, for the purpose of meeting such obligations. It is believed that the above loan can be obtained at a lower rate of interest than is now being paid.

We feel that Watertown is prepared financially, and in every way is ready to take advantage of the opening up and revival of business. The small number of deaths which have occurred in our town for the past five years speaks well for our sanitary condition. The calamity so burdensome to many municipalities, of having debts which they never expect to be able to pay, whose water-bonds and the like are floating on every market, does not refer to Watertown. We have a debt which is one of the smallest in the Commonwealth in proportion to population. The low rate of taxation will be noticed by those desiring to locate in the suburbs of Boston. The protection here offered to life and property is second to none in the State. The above, together with good sidewalks and roads, make Watertown one of the
MARRIAGES.

The whole number of marriages recorded for the year 1877 is forty-nine (49), nineteen (19) less than in 1876.

First marriage of both parties, 40
Second " " " " 2
First and second marriage of both parties, 6
" " " third " " " " 1

49

Number of marriages, both parties native born, 19
" " " " " foreign " 18
" " " " " native and foreign born, 12

49

Oldest couple married, groom's age, 59 years.
" " " " bride's " 43 "

Youngest couple married, groom's age, 20 "
" " " " bride's " 19 "

The number of intentions of marriage is 56. Ratio to population, 91.05+.

Occupation of Grooms.

Laborers, 11; Farmers, 4; Carpenters, 3; Merchants, 3; Wool-sorters, 2; Clerks, 2; Book-keepers, 2; Contractors, 2; Paper-makers, 2; Gentleman, 1; Ship Master, 1; Moulder, 1; Baker, 1; Coachman, 1; Tailor, 1; Marble Cutter, 1; Watch-maker, 1; Butcher, 1; Gardener, 1; Conductor, 1; Painter, 1; Mason, 1; Miller, 1; Engineer, 1; Silk Spinner, 1; Salesman, 1; Cigar-maker, 1. Total, 49.
REPORT OF TOWN CLERK AND REGISTRAR.

BIRTHS.

The whole number of births registered during the year 1877 is one hundred and twenty-one (121), or eighteen (18) less than in 1876.

The number of births is in the ratio of 1 to 42.14+ of the whole population. Of the whole number born, 56 were males, and 65 were females.

One hundred and nine were born in Watertown, 109
Four were born in U.S.A. Grounds, 4
Three " " " Newton, 3
One was " " " Waltham, 1
One " " " Cambridge, 1
One " " " E. Boston, 1
One " " " Bridgewater, 1
One " " " Kennebunk, Me., 1

121

There were born of American parents,
" " " " Irish " 44
" " " " English " 2
" " " " German " 1
" " " " American and foreign parents, 16
" " " " English and Irish " 3
" " " " Scotch and Irish " 2
" " " " Unknown " 2

121

Note.—The last census taken, 1875, reports Watertown as having 5,099 inhabitants.
parent, master, or guardian, of either of the parties intending marriage, shall forfeit a sum not exceeding two hundred dollars.

Sect. 12. When a marriage is solemnized in another State between parties living in this State, and they return to dwell here, they shall, within seven days after their return, file with the clerk or registrar of the city or town where either of them lived at the time, a certificate or declaration of their marriage, including the facts concerning marriages required by law, and for every neglect they shall forfeit ten dollars.

Sect. 13. No magistrate or minister shall solemnize a marriage, having reasonable cause to suppose either of the parties to be under the age mentioned in section nine, without the consent of the parent or guardian having the custody of the minor, if there is any in the State competent to act.

Sect. 14. Marriage may be solemnized by a justice of the peace in the county for which he is appointed, when either of the parties resides in the same county; and throughout the State by any minister of the gospel ordained according to the usage of his denomination, who resides within the State and continues to perform the functions of his office; but all marriages shall be solemnized in the city or town in which the person solemnizing them resides, or in which one or both of the persons to be married reside.

Sect. 15. Marriages among the people called Friends or Quakers may be solemnized in the manner heretofore used and practised in their societies.

Sect. 16. Every justice of the peace, minister, and clerk, or keeper of the records of the meeting wherein any marriages among the Friends or Quakers are solemnized, shall make a record of each marriage solemnized before him, together with all facts relating to the marriage required by law to be recorded. He shall also, between the first and tenth days of each month, return a copy of the record for the
Laws Concerning Marriages.

Section 7. Persons intending to be joined in marriage shall, before their marriage, cause notice thereof to be entered in the office of the clerk or registrar of the city or town in which they respectively dwell, if within the State. If there is no such clerk or registrar in the place of their residence, the entry shall be made in an adjoining city or town.

Sect. 8. The clerk or registrar shall deliver to the parties a certificate under his hand, specifying the time when notice of the intention of marriage was entered with him, together with all facts in relation to the marriage required by law to be ascertained and recorded, except those respecting the person by whom the marriage is to be solemnized. Such certificate shall be delivered to the minister or magistrate in whose presence the marriage is to be contracted, before he proceeds to solemnize the same.

Sect. 9. If a clerk or registrar issue such a certificate to a male under the age of twenty-one years, or a female under the age of eighteen years, having reasonable cause to suppose the person to be under such age, except upon the application or consent in writing of the parent, master, or guardian of such person, he shall forfeit a sum not exceeding one hundred dollars; but if there is no parent, master, or guardian, in this State, competent to act, a certificate may be issued without such application or consent.

Sect. 10. The clerk or registrar may require of any person applying for such certificate, an affidavit sworn to before a justice of the peace for the county where the application is made, setting forth the age of the parties; which affidavit shall be sufficient proof of age to authorize the issuing of the certificate.

Sect. 11. Whoever applying for such certificate wilfully makes a false statement in relation to the age or residence,
parent, master, or guardian, of either of the parties intending marriage, shall forfeit a sum not exceeding two hundred dollars.

Sect. 12. When a marriage is solemnized in another State between parties living in this State, and they return to dwell here, they shall, within seven days after their return, file with the clerk or registrar of the city or town where either of them lived at the time, a certificate or declaration of their marriage, including the facts concerning marriages required by law, and for every neglect they shall forfeit ten dollars.

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month next preceding, to the clerk or registrar of the city or town in which the marriage was solemnized, and shall, when neither of the parties to a marriage resides in the city or town in which the marriage is solemnized, return a copy of the record of such marriage to the clerk or registrar of the city or town in which one or both of said parties reside. All marriages so returned shall be recorded by the clerk or registrar.

Sect. 17. Every person neglecting to make the returns required by the preceding section shall forfeit for each neglect not less than twenty nor more than one hundred dollars.

Sect. 18. A justice of the peace or minister who joins persons in marriage contrary to the provisions of this chapter, knowing that the marriage is not duly authorized, shall forfeit not less than fifty nor more than one hundred dollars.

Sect. 19. Whoever undertakes to join persons in marriage, knowing that he is not authorized so to do, shall be imprisoned in the jail or confined to hard labor for a term not exceeding six months, or pay a fine of not less than fifty nor more than two hundred dollars.

Sect. 20. [Unintentional informality does not invalidate marriage in other respects lawful.]

Sect. 21. The record of a marriage, made and kept as prescribed by law by the person before whom the marriage is solemnized, or by the clerk or registrar of any city or town, or a copy of such record duly certified, shall be received in all courts and places as presumptive evidence of such marriage.

**DEATHS.**

The whole number of deaths registered for 1877 is fifty-seven (57), or sixty-four (64) less than in 1876. The ratio of deaths to the population is as 1 to 89.47. Of the whole
number of deaths twenty-five (25) were males and thirty-two (32) were females.

**CONDITION OF PERSONS DECEASED.**

<table>
<thead>
<tr>
<th>Single persons,</th>
<th>29</th>
</tr>
</thead>
<tbody>
<tr>
<td>Married &quot;</td>
<td>17</td>
</tr>
<tr>
<td>Widowed &quot;</td>
<td>11</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>57</td>
</tr>
</tbody>
</table>

**NAME, AGE, AND CONDITION OF SOME OF THE OLDER PERSONS DECEASED.**

<table>
<thead>
<tr>
<th>Name</th>
<th>Yrs.</th>
<th>Mos.</th>
<th>Days</th>
<th>Sex</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Margaret Ryan</td>
<td>87</td>
<td></td>
<td></td>
<td>Female</td>
<td>Widow</td>
</tr>
<tr>
<td>Margaret Sleeper</td>
<td>85</td>
<td>11</td>
<td>18</td>
<td>Female</td>
<td>Widow</td>
</tr>
<tr>
<td>Mary R. Cook</td>
<td>77</td>
<td>2</td>
<td>17</td>
<td>Female</td>
<td>Unmarried</td>
</tr>
<tr>
<td>Abigail B. Cutter</td>
<td>76</td>
<td>4</td>
<td>29</td>
<td>Female</td>
<td>Widow</td>
</tr>
<tr>
<td>Sarah Pratt</td>
<td>76</td>
<td>4</td>
<td></td>
<td>Female</td>
<td>Widow</td>
</tr>
<tr>
<td>Annie A. Davidson</td>
<td>76</td>
<td>2</td>
<td>15</td>
<td>Female</td>
<td>Widow</td>
</tr>
<tr>
<td>Sophia H. Johnson</td>
<td>75</td>
<td>10</td>
<td></td>
<td>Female</td>
<td>Widow</td>
</tr>
<tr>
<td>Nancy Lewis</td>
<td>75</td>
<td>9</td>
<td></td>
<td>Female</td>
<td>Widow</td>
</tr>
<tr>
<td>Elbridge Hagar</td>
<td>74</td>
<td>2</td>
<td></td>
<td>Male</td>
<td>Married</td>
</tr>
<tr>
<td>Alvin Adams</td>
<td>73</td>
<td>2</td>
<td>16</td>
<td>Male</td>
<td>Married</td>
</tr>
<tr>
<td>Samuel Sprague</td>
<td>71</td>
<td>3</td>
<td>2</td>
<td>Male</td>
<td>Married</td>
</tr>
<tr>
<td>Joseph F. Millner</td>
<td>69</td>
<td>7</td>
<td></td>
<td>Male</td>
<td>Married</td>
</tr>
<tr>
<td>Ann Lynch</td>
<td>68</td>
<td>4</td>
<td>14</td>
<td>Female</td>
<td>Widow</td>
</tr>
<tr>
<td>Phillip Nugent</td>
<td>65</td>
<td></td>
<td></td>
<td>Male</td>
<td>Widower</td>
</tr>
<tr>
<td>Thomas Barnes</td>
<td>62</td>
<td></td>
<td></td>
<td>Male</td>
<td>Widower</td>
</tr>
<tr>
<td>Porter Harris</td>
<td>60</td>
<td>11</td>
<td>7</td>
<td>Male</td>
<td>Married</td>
</tr>
<tr>
<td>Mary Lawless</td>
<td>60</td>
<td></td>
<td></td>
<td>Female</td>
<td>Married</td>
</tr>
</tbody>
</table>

The number of persons deceased, under 5 yrs. of age, is 19

<table>
<thead>
<tr>
<th>&quot;</th>
<th>&quot;</th>
<th>betw'n 5 &amp; 10</th>
<th>&quot;</th>
<th>&quot;</th>
<th>4</th>
</tr>
</thead>
<tbody>
<tr>
<td>&quot;</td>
<td>&quot;</td>
<td>&quot;10 &amp; 20&quot;</td>
<td>&quot;</td>
<td>&quot;</td>
<td>2</td>
</tr>
</tbody>
</table>
The number of persons dec'd, betw'n 20 & 30 yrs. of age, is 5

<table>
<thead>
<tr>
<th>Age Range</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>20 &amp; 30 yrs.</td>
<td>5</td>
</tr>
<tr>
<td>30 &amp; 40 yrs.</td>
<td>5</td>
</tr>
<tr>
<td>40 &amp; 50 yrs.</td>
<td>3</td>
</tr>
<tr>
<td>50 &amp; 60 yrs.</td>
<td>2</td>
</tr>
<tr>
<td>60 &amp; 70 yrs.</td>
<td>6</td>
</tr>
<tr>
<td>70 &amp; 80 yrs.</td>
<td>9</td>
</tr>
<tr>
<td>80 &amp; 90 yrs.</td>
<td>2</td>
</tr>
</tbody>
</table>

Total: 57

The number of deaths of persons, native-born, is 45

<table>
<thead>
<tr>
<th>Parentage</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Native</td>
<td>13</td>
</tr>
<tr>
<td>Foreign</td>
<td>33</td>
</tr>
</tbody>
</table>

Total: 57

The number of deaths of native-born parentage is 13

<table>
<thead>
<tr>
<th>Parentage</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Foreign parentage</td>
<td>33</td>
</tr>
<tr>
<td>Native and foreign parentage</td>
<td>5</td>
</tr>
<tr>
<td>Unknown parentage</td>
<td>6</td>
</tr>
</tbody>
</table>

Total: 57

**Cause of Deaths, in Alphabetical Order.**

<table>
<thead>
<tr>
<th>Cause of Death</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accident</td>
<td>1</td>
</tr>
<tr>
<td>Acute mania</td>
<td>1</td>
</tr>
<tr>
<td>Apoplexy</td>
<td>2</td>
</tr>
<tr>
<td>Cancer of the breast</td>
<td>1</td>
</tr>
<tr>
<td>Cancer</td>
<td>1</td>
</tr>
<tr>
<td>Cancer of colon</td>
<td>1</td>
</tr>
<tr>
<td>Cancer in stomach, symptoms of</td>
<td>1</td>
</tr>
<tr>
<td>Cholera infantum</td>
<td>4</td>
</tr>
<tr>
<td>Cholera-morbus</td>
<td>1</td>
</tr>
<tr>
<td>Congestion of the lungs</td>
<td>1</td>
</tr>
<tr>
<td>Consumption</td>
<td>13</td>
</tr>
<tr>
<td>Consumption and cerebral disease</td>
<td>1</td>
</tr>
<tr>
<td>Croup</td>
<td>1</td>
</tr>
<tr>
<td>Diarrhoea</td>
<td>1</td>
</tr>
<tr>
<td>Difficult labor</td>
<td>1</td>
</tr>
<tr>
<td>Diphtheria</td>
<td>1</td>
</tr>
<tr>
<td>Disease of the brain</td>
<td>1</td>
</tr>
<tr>
<td>Dysentery</td>
<td>3</td>
</tr>
<tr>
<td>Heart disease</td>
<td>1</td>
</tr>
<tr>
<td>Hydrothorax</td>
<td>1</td>
</tr>
<tr>
<td>Meningitis</td>
<td>1</td>
</tr>
<tr>
<td>Old age</td>
<td>2</td>
</tr>
<tr>
<td>Condition</td>
<td>Count</td>
</tr>
<tr>
<td>----------------------------</td>
<td>-------</td>
</tr>
<tr>
<td>Paralysis</td>
<td>1</td>
</tr>
<tr>
<td>Pelvis cellulitis</td>
<td>1</td>
</tr>
<tr>
<td>Pneumonia</td>
<td>1</td>
</tr>
<tr>
<td>Pneumonia catarrhal</td>
<td>1</td>
</tr>
<tr>
<td>Pneumonia chronic</td>
<td>1</td>
</tr>
<tr>
<td>Pneumonia typhoid</td>
<td>1</td>
</tr>
<tr>
<td>Senile mania</td>
<td>1</td>
</tr>
<tr>
<td>Scarlatina</td>
<td>6</td>
</tr>
<tr>
<td>Scrofula</td>
<td>1</td>
</tr>
<tr>
<td>Teething</td>
<td>1</td>
</tr>
<tr>
<td>Unreturned</td>
<td>1</td>
</tr>
</tbody>
</table>

Total: 57
NOSOLOGICAL TABLE.

CAUSES OF DEATH. TABULAR LIST.

Class 1. Zymotic Diseases.

Order 1. Miasmatic.

<table>
<thead>
<tr>
<th>Disease</th>
<th>Cases</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cholera infantum</td>
<td>4</td>
</tr>
<tr>
<td>Cholera-morbus</td>
<td>1</td>
</tr>
<tr>
<td>Croup</td>
<td>1</td>
</tr>
<tr>
<td>Diarrhoea</td>
<td>1</td>
</tr>
<tr>
<td>Diphtheria</td>
<td>1</td>
</tr>
<tr>
<td>Dysentery</td>
<td>3</td>
</tr>
<tr>
<td>Scarlatina</td>
<td>6</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>17</strong></td>
</tr>
</tbody>
</table>

Class 2. Constitutional Diseases.

Order 1. Diathetic.

<table>
<thead>
<tr>
<th>Disease</th>
<th>Cases</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cancer of the breast</td>
<td>1</td>
</tr>
<tr>
<td>Cancer</td>
<td>1</td>
</tr>
<tr>
<td>Cancer of colon</td>
<td>1</td>
</tr>
<tr>
<td>Cancer in stomach, &quot;symptoms of,&quot;</td>
<td>1</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>4</strong></td>
</tr>
</tbody>
</table>

Order 2. Tubercular.

<table>
<thead>
<tr>
<th>Disease</th>
<th>Cases</th>
</tr>
</thead>
<tbody>
<tr>
<td>Consumption</td>
<td>13</td>
</tr>
<tr>
<td>Consumption and cerebral diseases</td>
<td>1</td>
</tr>
<tr>
<td>Scrofula</td>
<td>1</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>15</strong></td>
</tr>
</tbody>
</table>

Class 3. Local Diseases.

Order 1. Nervous System.

<table>
<thead>
<tr>
<th>Disease</th>
<th>Cases</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute mania</td>
<td>1</td>
</tr>
<tr>
<td>Apoplexy</td>
<td>2</td>
</tr>
</tbody>
</table>
Brain disease, 1
Meningitis, 1
Paralysis, 1

Order 2. Organs of Circulation.
Heart disease, 1

Order 3. Respiratory Organs.
Congestion of the lungs, 1
Hydrothorax, 1
Pneumonia,
   " Catarrhal, 1
   " Chronic, 1
   " Typhoid, 1

Order 4. Digestive Organs.
Pelvis cellulitis, 1

Class 4. Developmental Diseases.
Order 1. Of Children.
Difficult labor, 1
Teething, 1

Order 3. Of Old People.
Old age, 2
Senile mania, 1

Class 5. Violent Deaths.
Casualty, 1
Unreturned, 1

Total, 57
DOGS.

The number of male dogs licensed the past year is 179
" " " female " " " " " " 8

Total number licensed, 187

Amount received for licenses:
179 male dogs, at $2 each, $358 00
8 female " " 5 "

Total gross amount received, $398 00

Clerk's fees:
187 licenses, at 20 cts. each, $37 40

Total net amount received for licenses, $360 60

MIDDLESEX, ss., Jan. 1, 1877.
Tilden G. Abbott, Esq., Town Clerk of the town of Watertown, has paid into the Treasury of the County of Middlesex three hundred and sixty and $398 00 dollars for dog licenses.

AMOS STONE,
County Treasurer.

The whole number of dogs killed during the past year as by return of Samuel F. Stearns, constable, is 66.

LIBRARY NOW IN SELECTMEN'S ROOM.

Laws of the United States, 3 vols. 8°
General Statutes of Mass., 1836 to 1872, 4 vols. 8°
" " " with Supplement, 2d ed., 2 vols. 8°
Acts and Resolves of Mass., 1860-1877, 17 vols. 8°
Herrick's Town Officer, 1 vol. 8°
Mass. Special Laws, from the adoption of the Constitution to A.D. 1870, 12 vols. 8°
Mass. Digest, by Bennett & Heard, 3 vols. 8°
Mass. Term Reports, from 1804, 17 vols. 8°
Pickering's Term Reports, vols. 1 to 24 inc., 24 vols. 8°
Metcalf's " " 1 to 13 inc., 13 vols. 8°
Cushing's " " 1 to 12 inc., 12 vols. 8°
Gray's " " 1 to 16 inc., 16 vols. 8°
Allen's " " 1 to 14 inc., 14 vols. 8°
Mass. Reports, by A. G. Browne, jun., Nos. 97 to 121, 25 vols. 8°
Public Documents of Mass. from 1858 to 1876, inc., 78 vols. 8°
Mass. Register and Military Record, 1 vol. 8°
History of Mass. in civil war, by Schouler, 1 vol. 8°
Record of Mass. Vols., 1861–65, by the Adjutant-General, 2 vols. 4°
Industry of Mass, 1855, 1 vol. 8°
Census of Mass., 1860, 1865, and 1875, 5 vols. 8°
Journal of Valuation Committee, 1860, 1 vol. 8°
Acts and Resolves of the Province of Mass. Bay, from 1692 to 1741, 2 vols. 8°
Plymouth Colony Laws, ed. by Wm. Brigham, 1 vol. 8°
Ancient Charter and Laws of the Mass. Bay, Pub. by order of the General Court, 1814, 1 vol. 8°
Railroad Commissioners' Report, 1872, 1 vol. 8°
Reports of State Board of Health, 1871 to 1877, 7 vols. 8°
" " Board of State Charities, 1868, 1869, 1871, 1872, 1873, 5 vols. 8°
Notes on General Statutes, by U. H. & Geo. G. Crocker, 2d edition, 1 vol. 8°
Report of State Board of Education, 1871–1876 inclusive, 6 vols. 8°
Watertown Town Reports, from 1860 to 1877, 9 vols. 8°
Perpetual Laws of the Commonwealth of Massachusetts from 1780 to 1816, 6 vols. 8°
Respectfully submitted,
TILDEN G. ABBOTT,
Town Clerk.
REPORT OF THE OVERSEERS OF THE POOR.

The duties of this department have, for the past few years, steadily increased, especially the last year. This is, no doubt, largely attributable to the fact that the laboring class have found it exceedingly difficult to obtain employment, and hence the needy have rapidly multiplied. The town, at its last annual meeting, decided to elect three Selectmen and Overseers of the Poor, instead of five, as formerly, and appropriated $600.00 for their services. It was generally understood that the Overseers of the Poor should employ, at their expense, an agent or secretary, whose duty should be to keep a record of all such facts and information, in reference to persons who should receive aid under their direction, as should be necessary to determine their settlement according to the laws of this Commonwealth, with a view to place the expense for the support of the poor where it properly belongs. For this position the Board made choice of George L. Noyes, Esq., whose experience and fitness enabled him to render us valuable assistance. The case of Antonio Bômein has been referred to the Hon. Henry W. Paine, and an early decision is expected. The call for assistance outside of the almshouse has been large, and the sum of $1,404.52 has been transferred from the Contingent Fund to meet the demands, as per vote of the town July 30, 1877. Mr. and Mrs. Zachariah Boody have been in charge of the almshouse during the year, and have sustained their hitherto good reputation.

INMATES OF THE ALMSHOUSE FOR THE ENTIRE YEAR.

<table>
<thead>
<tr>
<th>Name</th>
<th>Age</th>
</tr>
</thead>
<tbody>
<tr>
<td>*Mackin, Joseph</td>
<td>81 years</td>
</tr>
<tr>
<td>*Norcross, Lucretia</td>
<td>71 &quot;</td>
</tr>
</tbody>
</table>
REPORT OF THE OVERSEERS OF THE POOR.

Tufts, John R. . . . . 68 years.
*Tufts, Eliza D. . . . . 67 "
Bomein, Antonio . . . . 54 "
Hager, Gerry . . . . 49 "
Gardner, Abigail . . . . 59 "
*Wood, Mary . . . . 81 "
Hughes, Patrick . . . . 72 "
Bacon, Samuel . . . . 64 "
Swan, Elizabeth . . . . 48 "
Bond, William . . . . 54 "

FOR A PORTION OF THE YEAR.

Clous, Charles, age 60, came May 1. Left June 10.
Smith, Susan, age 18, came May 10. Left June 18.
Bunker, O. C., Nantucket, age 48, came Nov. 6. Left Nov. 15.
Riley, Catherine, age 66, came July, 10. There now.
Riley, James, age 32, came July 10. There now.
Ray, Mary, age 77, came July 20. There now.
Johnson, Abraham, age 64, came Sept. 20. There now.
Welch, Maria, age 24, came Jan. 24, 1878. There now.
Welch, Lena, age 1, came Jan. 24, 1878. There now.
Rooney, William, age 20, is at Perkins Inst. Blind Asylum.
Robbins, Fred. D., age 18, at State Reform School, Westboro'. Discharged.
Mills, Andrew T., at State Reform School, Westboro'.
Flynn, Margery, at Lunatic Asylum, Worcester.

Those marked thus * this town is entitled to $1.10 per week, for each one, from the town of Belmont; also 32.59 per cent. of whatever sum is paid for outside aid to Nancy W. Stone.

OLIVER SHAW,
SAMUEL WALKER,
JAMES W. MAGEE,

Overseers
of the
Poor.
REPORT OF SURVEYORS OF HIGHWAYS.

This department has, during the year, been in charge of Mr. William Perkins, as Superintendent, under whose supervision we think the streets have been kept in good condition, and, so far as we are able to judge, are of the opinion that he has given general satisfaction. Owing to the bad condition of the stone-crusher at the Poor Farm, it will be necessary to purchase a new one, in order that the streets may be kept in good order with rubble, which, however, can be purchased, but we judge at an increased expense to the town; and in the event of purchasing a new machine, we would suggest the Rawson & Hittinger make as the best under the circumstances, their manufactory being in an adjoining city, and, in case of needed repairs, very accessible.

We would recommend that the Selectmen be authorized to purchase the gravel lot of Mr. D. A. Tainter, as recommended by the Superintendent of Streets in his previous report.

Respectfully submitted,

OLIVER SHAW,
SAMUEL WALKER,
JAMES W. MAGEE,

Surveyors of Highways.
REPORT OF THE SUPERINTENDENT OF STREETS.

In making my report I would state that nearly 2,000 tons of crushed stone have been spread upon the streets during the year. More might have been advantageously used on Mount Auburn, Arsenal, and Market streets, had it not been for the breaking of the crusher occurring at a time when it would have been of great service. In this connection I would suggest the propriety of purchasing a new machine, that the work of crushing may be commenced early in the spring, there being an abundance of material on hand; also the purchase of a gravel lot, one being near at hand, convenient to reach, material of good quality, and that can be purchased at a reasonable expense. I would here remind the citizens that much labor has been expended in the extension of Summer street, grading the same; also on Mount Auburn street, near the East School-house; also the grading of sidewalks on Mount Auburn and Watertown streets, laying drain-pipe and curb-stones in sundry places, all of which have been accomplished within the appropriation. This has, in a measure, precluded the possibility of performing much other labor on the streets which might otherwise have been done.

Respectfully submitted,

WILLIAM PERKINS,
Superintendent of Streets.
REPORT OF ENGINEERS OF FIRE DEPARTMENT.

TO THE HONORABLE BOARD OF SELECTMEN:—

The Board of Engineers of the Watertown Fire Department respectfully submit their annual report of its condition for the year ending February 1, 1878.

The citizens have reason to congratulate themselves that the losses by fire the past year have been so small. The discipline of the department was never better than at the present time. The promptness of the members in responding to the call for duty is perfectly satisfactory. Our Fire Department is a pride to our town, and has a good record abroad as well as at home.

ORGANIZATION.

George B. Moore, Chief Engineer; Charles W. Berry, Assistant; William E. Farwell, Secretary.

Pequossette Steam Fire Engine Company, 15 men, with engine-man, stoker, and driver; William Rogers, Foreman. The engine-man and driver are permanent men, and are stationed at the engine-house.

A. D. Drew Hook and Ladder Company, 15 men; M. B. Colegan, Foreman.

APPARATUS.

One steam fire engine, 1 four-wheeled hose-carriage, 1 hook and ladder carriage, 1 fuel wagon, and 4 two-wheeled hose-carriages in different parts of the town for the protec-
tion of property in their vicinity. The whole apparatus is at present in good condition. We cannot operate the present hook and ladder truck to advantage, on account of its size, and we would recommend that the engineers have full power to exchange it for one better suited to our wants.

Hose.

The total amount of hose belonging to this department is 3,800 feet, 300 feet of which are not reliable at fires where we should have to use over 100 lbs. pressure; 200 feet have been condemned the past year, and, in order that we may have a full supply of reliable hose on hand, we would recommend the purchase of 800 feet of new hose the present year. There are 1,500 feet of hose on hose-carriages, located at the Paper Mills, Sash and Blind Factory, Etna Mills, and Foundry.

Water Supply.

There are nine reservoirs in town, beside the Main street Water Works which furnishes water through seven hydrants in case of fire. And as the hose-carriages at the different manufactories are supposed to furnish the hose to conduct the water from the hydrants, we would recommend that six men be appointed to take charge of each, and receive the same pay while on duty as the Fire Police.

Horses.

We have four horses under our charge, well trained and in good condition. The town has been very liberal the past year, in regard to the improvements made in our stable, for which we feel very grateful. With the present accommodations we consider ourselves fully prepared for all demands made on us in the line of fire duty.
FIRES AND ALARMS.

The department has responded to thirteen alarms of fire during the year. Of this number four were false; five were out of town, and four were for fires in town.

The whole amount of property destroyed, as near as can be ascertained, was $100, which was wholly covered by insurance.

EXPENDITURES AND RECEIPTS.

The expenses for the past year were as follows:

- For salaries, $3,733.22
- For hay, grain, and straw, $552.55
- For fuel and light, $81.80
- For shoeing horses, $63.95
- For incidentals and repairs, $503.00

And for the support of the department the coming year we respectfully recommend an appropriation of $5,600.00 for the following items:

- Salaries, $3,900.00
- Hay, grain, and straw, 600.00
- Fuel and light, 200.00
- Shoeing horses, 100.00
- Incidental, 300.00
- Repairs, 500.00

The receipts of the department the past year, from the sale of stable manure, and sundries, and filling cisterns, amounts to $74.00, which has been paid in to the Town Treasurer. There is also due this department the sum of $3.00 from parties for water furnished during the summer.

We hope the organization of the Fire Police will be continued, as it is of great benefit to our department.
FIRE ALARM.

The Board are of the opinion that the outlying districts of the town should have communication with the centre by means of a fire-alarm telegraph. The loss of a few minutes, after the discovery of a fire, means the loss of property, which might be saved, providing the Fire Department can be immediately notified of the exact location; and we would recommend that a committee be appointed at once to report on the advisability of connecting the different districts by telegraph.

In closing this report we desire to thank the members of the department for their support, and also for their promptness in performing their duties, and we are indebted to the police officers of the town for services rendered.

All of which is respectfully submitted.

GEO. B. MOORE, Engineer
CHAS. W. BERRY, of
WM. E. FARWELL, W.F.D.
TOWN GRANTS AND APPROPRIATIONS.

Grants of money made by the town of Watertown for the year 1877, and ordered to be assessed upon the polls and estates of the town, according to law, except the amount of $8,000, to be drawn from the Contingent Fund.

<table>
<thead>
<tr>
<th>Item</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Almshouse, support of poor</td>
<td>$3,500 00</td>
</tr>
<tr>
<td>Addition to the engine house</td>
<td>1,200 00</td>
</tr>
<tr>
<td>Bridges and culverts</td>
<td>1,000 00</td>
</tr>
<tr>
<td>Care of cemeteries</td>
<td>150 00</td>
</tr>
<tr>
<td>Contingent with other credits, overlays, etc.</td>
<td>2,000 00</td>
</tr>
<tr>
<td>Discounts and abatements</td>
<td>4,000 00</td>
</tr>
<tr>
<td>Drainage</td>
<td>500 00</td>
</tr>
<tr>
<td>Fire Department</td>
<td>5,700 00</td>
</tr>
<tr>
<td>Free Public Library</td>
<td>1,450 00</td>
</tr>
<tr>
<td>Highways</td>
<td>8,000 00</td>
</tr>
<tr>
<td>Interest on town debt</td>
<td>6,200 00</td>
</tr>
<tr>
<td>Insurance</td>
<td>650 00</td>
</tr>
<tr>
<td>I. B. Patten Post 81, G.A.R.</td>
<td>200 00</td>
</tr>
<tr>
<td>Police</td>
<td>3,150 00</td>
</tr>
<tr>
<td>Printing</td>
<td>800 00</td>
</tr>
<tr>
<td>Schools</td>
<td>20,700 00</td>
</tr>
<tr>
<td>Salaries</td>
<td>2,850 00</td>
</tr>
<tr>
<td>Sidewalks</td>
<td>1,500 00</td>
</tr>
<tr>
<td>Street lights and lamp-posts</td>
<td>3,750 00</td>
</tr>
<tr>
<td>Town Hall, heating, lighting, and care</td>
<td>1,000 00</td>
</tr>
<tr>
<td>Town debt, paying portion of</td>
<td>5,000 00</td>
</tr>
</tbody>
</table>

By vote of the town the sum of twenty-five hundred (2,500), dollars received from
Mount Auburn Cemetery Corporation, was added to the sum already appropriated towards paying a portion of the Town Debt, 2,500 00

By vote of the town, the following sum was appropriated as follows:—
From Contingent Fund, 8,000 00

$75,800 00

$67,800 00

Voted, To assess balance of town grant on the polls and estates of the town, according to law.

Voted, That the amount of dog tax for 1876 be appropriated to the Free Public Library.

Amount received, $422 94
Amount to Free Public Library, $422 94

Voted, That the overlayings on taxes, and all other sums received into the treasury, not specially appropriated, or pertaining to definite departments, be placed to the credit of the Contingent Fund.

July 30, 1877.

Voted, That the Selectmen be empowered to transfer from the Contingent Fund such sums of money as may be necessary to make good overdrawn appropriations of other departments.
ASSESSORS' REPORT.

VALUATION AND TAXES OF THE TOWN OF WATERTOWN FOR THE YEAR 1877.

The value of real estate is $5,220,590 00
" " " personal estate is 2,225,860 00

Total valuation, $7,446,450 00

The whole number of polls is 1,332.

AMOUNTS ASSESSED.

State tax, $6,420 00
County tax, 3,763 85
Town grants, 65,300 00
Overlayings, 1,644 65

$77,128 50

Tax on 1,332 polls, at $2 each, $2,664 00
" " Estate, 1% on $7,446,450, 74,464 50

Total tax assessed, $77,128 50

The sum of $26.00 has also been assessed as additional taxes, $26 00

The number of Houses in town is 897
" " " Horses " " 429
" " " Cows " " 202
" " " Bulls " " 4
" " " Oxen " " 0
" " " Land taxed is 2,042 578,444 48560

GEO. L. NOYES, CHAS. J. BARRY,
JOHN W. TUTTLE,
Assessors of Watertown.
COLLECTOR'S REPORT.

To the Auditor of the Town of Watertown: —

I herewith submit my report of the collection of taxes for 1875-76-77.

1875.

Dr.

To uncollected taxes per report Feb. 1, 1877, $1,168 89
" interest collected, 145 70

$1,314 59

Cr.

By cash paid Town Treasurer, $1,314 59

1876.

Dr.

To uncollected taxes per report Feb. 1, 1877, $16,386 45
" interest collected, 996 57

$17,383 02

Cr.

By cash paid Town Treasurer, $16,462 75
Balance uncollected, 920 27

$17,383 02

1877.

Dr.

To amount of taxes committed, $77,128 50
" additional taxes, 26 00
" bank tax, 885 50
" interest collected, 62 07

$78,102 07
COLLECTOR'S REPORT.

Cr.

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>By cash paid Town Treasurer,</td>
<td>$64,525 50</td>
</tr>
<tr>
<td>&quot; cash paid County Treasurer, county tax for 1877,</td>
<td>3,763 85</td>
</tr>
<tr>
<td>&quot; balance uncollected,</td>
<td>9,812 72</td>
</tr>
<tr>
<td></td>
<td><strong>$78,102 07</strong></td>
</tr>
</tbody>
</table>

Most respectfully yours,

GEO. L. NOYES, Collector.

The above statement has been duly examined and found to be correct, proper vouchers having been presented.

HOWARD RUSSELL, Auditor.
TREASURER'S REPORT.

Watertown, Feb. 12, 1878.

In submitting my report of receipts and expenditures for the year ending January 31, 1878, I would remark that the Auditor has made monthly examinations of my accounts and given a detailed statement of the same in his report. I would, however, suggest the propriety of the town granting power to their Treasurer, under the supervision of the Selectmen, to borrow from any institution or individual, as occasion might require, sums of money equivalent to the payment of any matured or demand note that may now be incorporated in the town debt and called for. Such has been the experience of the past year; but, owing to the absorption of the appropriation made for that purpose, the demand could not be met. I entertain no doubt but new loans could be negotiated at a diminished rate of interest, and, in view of this, submit the subject for your consideration.

The receipts have been . . . $136,434 03
The expenditures have been . 132,589 84

Balance in the treasury . . $3,844 19

Respectfully,

JOHN K. STICKNEY,

Treasurer.
The accounts of J. K. Stickney, Esq., Treasurer, have been duly examined by me, proper vouchers have been shown for expenditures, and the balance as above given is correct.

HOWARD RUSSELL,

Auditor.
### List of Town Notes, Time they Mature, and Rate of Interest.

<table>
<thead>
<tr>
<th>TOWN DEBT.</th>
<th>Amount</th>
<th>Rate</th>
<th>Interest</th>
<th>Interest Due</th>
<th>Notes Mature on</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Lowell Inst. for Savings.</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Note of October 7, 1856</td>
<td>$8,000</td>
<td>$\frac{5}{2}$</td>
<td>$460.00$</td>
<td>Oct. 7 and Apr. 7.</td>
<td>Oct. 7, 1876.</td>
<td></td>
</tr>
<tr>
<td><strong>Treasurer of Commonwealth.</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Note of May 23, 1868</td>
<td>9,288</td>
<td>6</td>
<td>556.08</td>
<td>May 23 and Nov. 23.</td>
<td>May 23, 1878.</td>
<td>Purchase new cemetery.</td>
</tr>
<tr>
<td>Note of December 20, 1870</td>
<td>4,500</td>
<td>$\frac{6}{2}$</td>
<td>292.50</td>
<td>June 20 and Dec. 20.</td>
<td>Dec. 20, 1880.</td>
<td>Reservoirs.</td>
</tr>
<tr>
<td><strong>Boston Five Cents Savings Banks.</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Note of August 5, 1864</td>
<td>6,000</td>
<td>$\frac{5}{2}$</td>
<td>330.00</td>
<td>Sept. 16 &amp; Mar. 16.</td>
<td>Sept. 16, 1875.</td>
<td>War purposes.</td>
</tr>
<tr>
<td>Note of February 15, 1875</td>
<td>10,000</td>
<td>7</td>
<td>700.00</td>
<td>Feb. 15 &amp; Aug. 15.</td>
<td>Feb. 15, 1880.</td>
<td>School and other purposes.</td>
</tr>
<tr>
<td>Luke Forbes, Note of November 20, 1863</td>
<td>2,000</td>
<td>6</td>
<td>120.00</td>
<td>Nov. 26 &amp; May 20.</td>
<td>Demand.</td>
<td></td>
</tr>
<tr>
<td>Mrs. L. Forbes, Note Dec. 1, 1869</td>
<td>900</td>
<td>6</td>
<td>54.00</td>
<td>June 1 and Dec. 1.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mrs. E. Glines, Note February 2, 1863</td>
<td>1,000</td>
<td>6</td>
<td>60.00</td>
<td>Aug. 2 and Feb. 2.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>E. L. Norcross, Note February 17, 1864</td>
<td>200</td>
<td>6</td>
<td>12.00</td>
<td>Aug. 17 &amp; Feb. 17.</td>
<td></td>
<td></td>
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<tr>
<td>A. I. Norcross, Note October 2, 1867</td>
<td>700</td>
<td>6</td>
<td>42.00</td>
<td>Apr. 2 and Oct. 2.</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Messrs. Hinckley &amp; Co., Eastport, Me.</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Note of August 13, 1872</td>
<td>4,000</td>
<td>6</td>
<td>240.00</td>
<td>Feb. 13 &amp; Aug. 13.</td>
<td></td>
<td>School-house.</td>
</tr>
<tr>
<td>Watertown Savings Bank.</td>
<td>6,000</td>
<td>6</td>
<td>360 00</td>
<td>Oct. 1 and Apr. 1.</td>
<td>Demand.</td>
<td>Engine-house and Town-house.</td>
</tr>
<tr>
<td>------------------------------------------------</td>
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</tr>
<tr>
<td>Note February 8, 1872, April 22, 1872</td>
<td>3,000</td>
<td>6</td>
<td>180 00</td>
<td>Oct. 1 and Apr. 1.</td>
<td>&quot;</td>
<td>New Hose, Fire Department.</td>
</tr>
<tr>
<td>Note April 8, 1873</td>
<td>1,000</td>
<td>6</td>
<td>60 00</td>
<td>Oct. 1 and Apr. 1.</td>
<td>&quot;</td>
<td>Hospital.</td>
</tr>
<tr>
<td>Note April 8, 1876</td>
<td>1,500</td>
<td>6</td>
<td>90 00</td>
<td>Oct. 1 and Apr. 1.</td>
<td>&quot;</td>
<td>Heating school-houses, etc.</td>
</tr>
<tr>
<td>Note February 2, 1874</td>
<td></td>
<td></td>
<td></td>
<td></td>
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</tbody>
</table>

<table>
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<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>Note August 9, 1873</td>
<td>1,500</td>
<td>6</td>
<td>90 00</td>
<td>July 8 and Jan. 8.</td>
<td>&quot;</td>
<td>Heating and furnishing school-houses.</td>
</tr>
<tr>
<td>Martha and Susannah B. Whitney, Note January 8,</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>&quot;</td>
<td></td>
</tr>
<tr>
<td>1874</td>
<td>1,000</td>
<td>6</td>
<td>60 00</td>
<td>July 8 and Jan. 8.</td>
<td>&quot;</td>
<td></td>
</tr>
<tr>
<td>A. A. Learned, Note January 8, 1874</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>&quot;</td>
<td></td>
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</tbody>
</table>

| Total                                           | $79,293| $4,830 08 |

JOHN K. STICKNEY, Town Treasurer.

WATERTOWN, February, 1878.
AUDITOR'S REPORT.

Schedule of Receipts and Expenditures for the Fiscal Year ending January 31, 1878.

Receipts.
Cash in Treasury, Feb. 13, 1877, $2,757 64
Received of Geo. L. Noyes, collector, taxes and interest, 1875, 1,314 59
George L. Noyes, collector, taxes and interest, 1876, 16,462 75
Geo. L. Noyes, collector, taxes and interest, 1877, 64,525 50
Borrowed of Union Market National Bank, in anticipation of taxes, at 5 per cent., 40,000 00

On Account of Almshouse.
Received of City of Newton, aid of Mrs. C. Keleher, $145 50
City of Lowell, aid of John Rose, 64 87
Town of Acton, aid of Samuel Bacon, 283 18
Town of Nantucket, aid of E. C. Bunker, 10 16
Town of Belmont, support of paupers, 287 34
Town of Dedham, aid of Chas. Sprague, 12 85
### AUDITOR’S REPORT.

Received of City of Boston, aid of Daniel Quinn, $176.08
City of Boston, aid of Wm. Sime, 5.00
Highway, hay for horses, 297.00
Highway, labor, Z. Boody, 54.00
Wm. Wallace, on account of rent, 72.00
Z. Boody, sale of farm produce, 90.36
Patrick Loftis, returned aid, 5.00

**Total:** $1,503.34

### ON ACCOUNT OF HIGHWAYS.

Received of Wm. Perkins, labor, $65.25

**Total:** $65.25

### ON ACCOUNT OF TOWN HALL.

Rec’d of Alexander Gregg, janitor, rent to Feb. 1, 1878, $282.00

**Total:** $282.00

### ON ACCOUNT OF POLICE.

Received of Oliver Shaw, rent of Town Hall, $15.00
Hiram McGlauniflin, board of travellers, 15.00

**Total:** $30.00

### ON ACCOUNT OF SCHOOLS.

Received of Treasurer of Commonwealth, school fund, $99.27

**Total:** $99.27
AUDITOR'S REPORT.

ON ACCOUNT OF FIRE DEPARTMENT.

Received of Geo. B. Moore, for manure, etc., $74 00

ON ACCOUNT OF SIDEWALKS.

Received of Geo. L. Noyes, from abutters, $710 78

MISCELLANEOUS.

Received of Ward M. Otis, balance of Fourth July, subscription, $45 50

Wilbur & Fields, executors, taxes and interest Geo. Bundy estate, 457 18

Gardner S. Coffin, taxes and interest, Geo. Volans' lot, 67 54

Boyd Estate, taxes and interest, 1875, 123 84

Moses Ricker, grave-lot No. 106, 47 25

Catherine Wellington, grave-lot No. 143, 13 00

Annie B. Holmes, grave-lot No. 144, 33 75

A. Gregg, additional land to grave-lot No. 25, 9 00

Hollingsworth & Whitney, taxes and interest Bridget McLauthlin's estate, 28 14
AUDITOR'S REPORT.

Received of Matthew Cooney, taxes, interest, and expenses of sale of estate for taxes, $24 48
Howard Insurance Co., dividend on unearned premiums, 26 97
E. C. Rand, taxes and interest Roger Drury estate, 641 07
J. F. Wheeler, trial justice fees, 82 25
Daniel Sands, taxes and interest Cutter lot No. 85, 76 72
Edward J. Baker, taxes and interest Ann McLauthlin estate, 210 18
Union Market National Bank, taxes and interest O. D. Wheeler estate, 88 83
S. E. Sparrow, license as auctioneer, 2 00
Thomas Patten, fees for weighing at town scales, 202 00
Treas. Commonwealth, corporation tax, 3,421 99
Treas. Commonwealth, Bank tax, 1,791 08
Treas. Commonwealth, State Aid, 1876, 618 20
County Treasurer, dog tax, 422 94
**AUDITOR'S REPORT.**

Town Treasurer, interest, on John Templeton Fund to Dec. 1, 1877, 175 00  

$8,608 91  

$136,434 03

**EXPENDITURES.**

<table>
<thead>
<tr>
<th>Item</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>To cash paid Almshouse</td>
<td>$6,407 86</td>
</tr>
<tr>
<td>Bridges and culverts</td>
<td>810 12</td>
</tr>
<tr>
<td>Contingent</td>
<td>1,982 92</td>
</tr>
<tr>
<td>Care of cemeteries</td>
<td>150 00</td>
</tr>
<tr>
<td>Discounts and abatements</td>
<td>3,127 57</td>
</tr>
<tr>
<td>Drainage</td>
<td>721 65</td>
</tr>
<tr>
<td>Engine House addition</td>
<td>1,200 00</td>
</tr>
<tr>
<td>Free Public Library</td>
<td>1,872 94</td>
</tr>
<tr>
<td>Fire Department</td>
<td>4,934 00</td>
</tr>
<tr>
<td>Highways</td>
<td>8,025 39</td>
</tr>
<tr>
<td>Interest</td>
<td>5,785 61</td>
</tr>
<tr>
<td>Insurance</td>
<td>656 88</td>
</tr>
<tr>
<td>I. B. Patten Post 81, G.A.R.</td>
<td>200 00</td>
</tr>
<tr>
<td>Police</td>
<td>3,197 37</td>
</tr>
<tr>
<td>Printing</td>
<td>616 86</td>
</tr>
<tr>
<td>Schools</td>
<td>21,200 60</td>
</tr>
<tr>
<td>Sidewalks</td>
<td>1,781 21</td>
</tr>
<tr>
<td>Street Lamps</td>
<td>3,564 16</td>
</tr>
<tr>
<td>Salaries</td>
<td>2,850,00</td>
</tr>
<tr>
<td>Town Debt, paying portion of</td>
<td>7,600 00</td>
</tr>
<tr>
<td>Town Hall</td>
<td>1,553 92</td>
</tr>
<tr>
<td>Templeton Fund</td>
<td>175 00</td>
</tr>
</tbody>
</table>
AUDITOR'S REPORT.

To cash paid Borrowed money, 46,000 00
State Aid, 866 00
State Tax, 6,420 00
Bank Tax, 889 78

$132,589 84

Balance in Treasury, 3,844 19

$136,434 03

ALMSHOUSE.

To appropriation, 3,500 00
Z. Boody, Supt., sale of farm produce, 90 36
City of Newton, aid to Mrs. Kelliher, 145 50
City of Lowell, aid to John Rose, 64 87
Town of Acton, aid to Samuel Bacon, 283 18
Town of Nantucket, aid to E. C. Bunker, 10 16
Returned aid of Patrick Loftis, 5 00
Town of Belmont, support of poor, 287 34
Town of Dedham, aid to Chas. Sprague, 12 85
Wm. Wallace, house-rent, 72 00
Highways, hay for horses, 297 00
labor Z. Boody, 54 00
City of Boston, aid to Daniel Quinn, 176 08
City of Boston, aid to Wm. Sime, 5 00
Contingent, transferred as authorized, July 30, 1,404 52

$6,407 86

SALARIES.

Z. Boody, salary as superintendent, 450 00
Ann McAska, services, 143 01

$593 01

FISH.

M. Rogers, 4 17
Randall and Nelson, 5 20
A. Cobb & Son, 21 06

$30 43
AUDITOR'S REPORT.

GROCERIES.

C. W. Perry, $246 55
Samuel Noyes & Co., 84 23 $330 78

PROVISION, MEAT, ETC.

Otis Brothers & Co., $146 67
H. P. Mason, 35 81
Horne Brothers, 50 63
L. A. Shaw, 52 53 $285 64

DRY GOODS, BOOTS, AND SHOES.

Otis Brothers, $133 93
S. H. Coombs, 37 10 $171 03

CLOTHING.

A. B. Rogers, $40 35
A. McMaster, 8 35 $48 70

FUEL.

R. Gilkey, $20 50
Thomas Gaven, 49 50 $70 00

HARDWARE, TOOLS, ETC.

A. Howes, $22 41
R. H. Paine, 8 35
W. L. Stiles, 3 45 $34 21

FURNITURE.

Luther Bent & Co., $18 84
AUDITOR'S REPORT.

GRAIN AND FLOUR.

Coffin & Magee, $398.25

BLACKSMITH WORK.

James Hall, $14.39

CARPENTER WORK.

R. Gilkey, lumber, $6.11
Berry & Moody, stock and labor, 9.95 $16.06

HARNESS REPAIRS.

Thomas Patten, $1.25
George McWhirter, 9.13 $10.38

MISCELLANEOUS REPAIRS.

Thomas L. French, stock and labor, $30.86
John Barnard, paint, 1.62 $32.48

MEDICINES AND MEDICAL ATTENDANCE.

S. E. Woodward, $2.50
J. A. Sullivan, 29.63
Dr. L. B. Morse, 26.50 $58.63

MISCELLANEOUS.

P. T. Aldridge, cow, $63.00
Walker & Pratt Mfg Co., stove-linings and tin-ware, 12.94
A. D. Drew, repairing boots, 7.65
J. F. Bryan, use of force-pump, 1.00
J. B. Rogers, killing hogs, 6.00
Wm. Perkins, manure, 3.00
G. E. Adams, crockery ware, 3.47
AUDITOR'S REPORT.

Howard Brothers, ploughing, $5 00
Gilbert Davis, horse-blanket, 1 75
C. C. McLauthlin, blank-book, 75
T. P. Emerson, expressage, 75
Z. Boody, butter and apples, 40 75
" " sundry expenses and fares, 11 80

$157 86

ASSISTANCE TO PERSONS OUTSIDE OF ALMSHOUSE.

Bacon, Elizabeth, aid by City of Boston, $16 84
Butterfield, Harriet L., aid by Worcester Lunatic Hospital, 298 85
Bacon, Samuel, aid by town of Acton, 51 03
Benton, Mrs. Perrin, aid by City of Cambridge, 37 38
Burke, James, aid by various persons, 47 73
Bright, George, " " " 50 81
Burns, Mrs. M., " " " 77 05
Booker, Mrs., aid by City of Boston, 99 35
Clouse, Helen, aid by various persons, 9 75
Crehan, Mrs., " " " 11 50
Carey, Mrs. Mary, aid by various persons, 29 85
Chase, Mrs. Charles, aid by various persons, 108 00
Condon, Mrs., aid by various persons, 6 00
Condon, Bridget, " " " 4 00
Coleman, Mrs. Wm., aid by various persons, 10 70
Chant, Mary A., aid by City of Boston, 7 64
Costello, I., aid by various persons, 9 75
Daniels, Mrs. Ann, aid by various persons, 31 61
<table>
<thead>
<tr>
<th>Name</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dailey, Mary A.</td>
<td>$114.00</td>
</tr>
<tr>
<td>Dunn, Mrs.</td>
<td>6.00</td>
</tr>
<tr>
<td>Dunn, Mrs. Mary</td>
<td>6.88</td>
</tr>
<tr>
<td>Ellenson, Malcomb</td>
<td>6.75</td>
</tr>
<tr>
<td>Eagan, Mrs.</td>
<td>16.13</td>
</tr>
<tr>
<td>Egan, Mrs.</td>
<td>32.15</td>
</tr>
<tr>
<td>Egan, Mrs.</td>
<td>27.97</td>
</tr>
<tr>
<td>Egan, Mrs.</td>
<td>207.50</td>
</tr>
<tr>
<td>Fearick, Mrs.</td>
<td>20.50</td>
</tr>
<tr>
<td>Friel, Mrs.</td>
<td>13.65</td>
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<tr>
<td>Flynn, Mrs.</td>
<td>57.65</td>
</tr>
<tr>
<td>Greer, Julia A.</td>
<td>5.82</td>
</tr>
<tr>
<td>Hall, Mrs. T.</td>
<td>99.50</td>
</tr>
<tr>
<td>Hall, Mrs. H.</td>
<td>94.56</td>
</tr>
<tr>
<td>Hanberry, Kate</td>
<td>38.25</td>
</tr>
<tr>
<td>Harrington, Mrs.</td>
<td>4.40</td>
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<tr>
<td>Harrington, Con</td>
<td>10.50</td>
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<tr>
<td>Hughes, Charles H.</td>
<td>73.38</td>
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<tr>
<td>Heffernan, J.</td>
<td>2.00</td>
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<tr>
<td>Johnson, Mary A.</td>
<td>23.38</td>
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<tr>
<td>Kelly, Mrs. John</td>
<td>165.60</td>
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<tr>
<td>Kenney, Mrs. Ann</td>
<td>42.25</td>
</tr>
<tr>
<td>Kelcher, Mrs. C.</td>
<td>92.00</td>
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<tr>
<td>Name</td>
<td>Aid Source</td>
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<tr>
<td>--------------------</td>
<td>-------------------------------------------------</td>
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<tr>
<td>Loftis, Mrs. P.</td>
<td>Various persons</td>
</tr>
<tr>
<td>Lemmins, Mrs. L.</td>
<td>Various persons</td>
</tr>
<tr>
<td>McCormick, Mrs. C.</td>
<td>Various persons</td>
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<tr>
<td>McGuire, Mrs. W. J.</td>
<td>Various persons</td>
</tr>
<tr>
<td>Martin, Mrs. Wm.</td>
<td>Various persons</td>
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<tr>
<td>Milner, Fred. S.</td>
<td>Various persons</td>
</tr>
<tr>
<td>McGinnis, Mrs.</td>
<td>Various persons</td>
</tr>
<tr>
<td>Mills, W. J.</td>
<td>Various persons</td>
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<tr>
<td>Mills, Andrew</td>
<td>&quot;</td>
</tr>
<tr>
<td>McMannus, Abby</td>
<td>Commonwealth of Massachusetts</td>
</tr>
<tr>
<td>McLauthlin, Thomas</td>
<td>Various persons</td>
</tr>
<tr>
<td>McSherry, Owen</td>
<td>Various persons</td>
</tr>
<tr>
<td>Nugent Philip</td>
<td>Various persons</td>
</tr>
<tr>
<td>Quinn, Daniel</td>
<td>Various persons</td>
</tr>
<tr>
<td>Quinn, J. B.</td>
<td>City of Newton</td>
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<tr>
<td>Rose, John</td>
<td>Various persons</td>
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<tr>
<td>Regan, Mrs. D.</td>
<td>&quot;</td>
</tr>
<tr>
<td>Riley, Mrs. C.</td>
<td>&quot;</td>
</tr>
<tr>
<td>Ray, Mary</td>
<td>Commonwealth of Massachusetts</td>
</tr>
<tr>
<td>Regan, Mrs. B.</td>
<td>Various persons</td>
</tr>
</tbody>
</table>
AUDITOR'S REPORT.

Runey, Timothy, aid by various persons, $3 75
Robbins, Fred D., aid by Commonwealth of Mass., 16 00
Richardson, Mrs., aid by various persons, 10 00
Rinn, John, aid by various persons, 81 00
Sullivan, J. J., aid by various persons, 19 50
Skinner, Mary, aid by City of Boston, 53 32
Stone, Nancy W., aid by City of Boston, 94 00
Spalane, Mrs. J., aid by various persons, 52 00
Sprague, Chas., aid by various persons, 9 20
Sprague, Miles, aid by various persons, 60 00
Smith, Mrs., aid by various persons, 19 00
Sime, Wm., " " " 11 00
Travellers, aid by refreshments, etc., 65 43
Victory, Mrs., aid by various persons, 19 00
Whitney, W. F., aid by various persons, 75 56
White, Chris., aid by various persons, 17 35
Whitney, Wm., aid by various persons, 140 00
Wier, Mrs. J., aid by various persons, 3 00
Welsh, John, aid by $10 a month, 12 months, 120 00
Welsh, Mrs. M. B., aid by various persons, 167 04
Ward, John M., aid by City of Boston, 18 14
**AUDITOR'S REPORT.**

Whitney, Amasa, aid by $7 a month, 10 months, $70 00
Walker, Elizabeth W., aid by City of Boston, 24 00  
\[\text{Total} = 70 + 24 = 94 \text{ dollars}\]

**BANK TAX.**

To amount rec'd of Treasurer of Commonwealth, $1,235 53
" paid " " " " " " 889 78
Balance to contingent, $345 75

**BRIDGES AND CULVERTS.**

To appropriation, $1,000 00

**EXPENDITURES.**

<table>
<thead>
<tr>
<th>Item</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>R. Gilkey, plank, for Paper-mill bridge</td>
<td>$24 17</td>
</tr>
<tr>
<td>R. Gilkey, plank, for Galen-st. bridge</td>
<td>42 84</td>
</tr>
<tr>
<td>W. C. Foley, grate bars</td>
<td>16 06</td>
</tr>
<tr>
<td>Walker &amp; Pratt M'fg Co., weights for Brighton draw</td>
<td>31 70</td>
</tr>
<tr>
<td>McQueston &amp; Fogg, hard-pine for Brighton draw</td>
<td>43 75</td>
</tr>
<tr>
<td>H. F. Merrifield, hardware for Brighton draw</td>
<td>7 70</td>
</tr>
<tr>
<td>G. Fuller &amp; Son, plank for Brighton bridge</td>
<td>54 25</td>
</tr>
<tr>
<td>L. A. Roby, oak piles and girders, Brighton bridge</td>
<td>180 00</td>
</tr>
<tr>
<td>Josiah Shaw, labor on draw, Brighton bridge</td>
<td>336 11</td>
</tr>
</tbody>
</table>
AUDITOR'S REPORT.

Cook, Rymes & Co., bolts and boat-hook, Brighton bridge, $20 49
M. Whiting, labor and stock culverts, 23 23
M. Whiting, labor, paper-mill bridge, 4 46
Berry and Moody, labor, Galen-street bridge, 25 36

Balance unexpended, $810 12

Cook, Rymes & Co., bolts and boat-hook, Brighton bridge, $20 49
M. Whiting, labor and stock culverts, 23 23
M. Whiting, labor, paper-mill bridge, 4 46
Berry and Moody, labor, Galen-street bridge, 25 36

Balance unexpended, $810 12

CARE OF CEMETERIES.

To appropriation, $150 00

EXPENDITURES.

A. Gregg, mowing grass, and labor, $150 00

CONTINGENT.

To appropriation, $2,000 00
State Treasurer, balance of Corporation tax, 1876, 392 59
State Treasurer, balance of Bank tax, 1876, 236 35
Ward M. Otis, balance of subscription 4th July celebration, 45 50
Wilbur & Field, tax and interest Geo. Bundy lots, 457 18
Gardner S. Coffin, tax and interest Geo. Volans' lot, 67 54
Moses Ricker, for grave lot, 47 25
Catherine Wellington, for grave lot, 13 00
To Annie B. Holmes, for grave lot, 33 75
Hollingsworth & Whitney, tax and interest, Bridget McLaurhin estate, 28 14
Matthew Cooney, tax and expense sale of estate, $24.48
Receivers of Howard Insurance Co., dividend on unearned premiums, 26.97
E. C. Rand, tax and interest Drury estate, 1874, 309.38
E. C. Rand, tax and interest, Drury estate, 1874, 331.69
A. Gregg, sale of additional land to grave lot No. 25, 9.00
State Treasurer, Corporation tax, 2,540.41
State Treasurer, balance Bank tax, 345.75
To J. F. Wheeler, trial justice fees, 82.25
Daniel Sands, tax and interest, Lot 85, Norwood Park, 76.72
Edward J. Baker, tax and interest Ann McLouthlin estate, 210.18
Union Market National Bank, taxes and interest O. D. Wheeler estate, 88.83
Boyd estate, tax and interest, 1875, 123.84
S. E. Sparrow, auctioneer's license, 2.00
State Treasurer, balance of Corporation tax, 488.99
State Treasurer, balance of Bank tax, 319.20
Thomas Patten, fees for weighing, town scales, 202.00

Overlay of taxes, 1877,

EXPENDITURES.

E. R. Hoar, legal services, $10.00
C. C. McLouthlin, stationery to town officers, 36.04

Total: $10,147.49
**AUDITOR’S REPORT.**

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>John Ross, repairs town pump and water-cart,</td>
<td>$22.35</td>
</tr>
<tr>
<td>T. G. Abbott, postage,</td>
<td>3.17</td>
</tr>
<tr>
<td>T. G. Abbott, recording births, marriages, and deaths,</td>
<td>81.80</td>
</tr>
<tr>
<td>T. G. Abbott, Registrar of Voters,</td>
<td>35.00</td>
</tr>
<tr>
<td>Mrs. A. Walletzer, interest on award by town on Cross street,</td>
<td>23.22</td>
</tr>
<tr>
<td>To Wm. Rogers, care of town clock,</td>
<td>50.00</td>
</tr>
<tr>
<td>John Madden, repairs on water-cart,</td>
<td>19.00</td>
</tr>
<tr>
<td>Berry &amp; Moody, repairs on town scales,</td>
<td>9.90</td>
</tr>
<tr>
<td>Geo. L. Noyes, expenses of sale of Boyd Silk Factory,</td>
<td>17.92</td>
</tr>
<tr>
<td>Geo. L. Noyes, deed of land and buildings, Ann McLauthlin estate,</td>
<td>93.61</td>
</tr>
<tr>
<td>Geo. L. Noyes, deed of land and buildings, Otis Wheeler estate,</td>
<td>83.44</td>
</tr>
<tr>
<td>Geo. L. Noyes, recording deeds,</td>
<td>19.00</td>
</tr>
<tr>
<td>Geo. L. Noyes, recording abatements, and Registrar of Voters,</td>
<td>47.50</td>
</tr>
<tr>
<td>Geo. L. Noyes, six deeds Rimmer land,</td>
<td>80.40</td>
</tr>
<tr>
<td>Geo. L. Noyes, nine deeds Saunders’ land,</td>
<td>130.33</td>
</tr>
<tr>
<td>Geo. L. Noyes, one deed A. Cutter land,</td>
<td>11.78</td>
</tr>
<tr>
<td>Geo. L. Noyes, one deed D. Dickinson land,</td>
<td>79.58</td>
</tr>
<tr>
<td>Geo. L. Noyes, ringing bell Feb. 22d,</td>
<td>2.25</td>
</tr>
<tr>
<td>Geo. L. Noyes, postage and receipt books,</td>
<td>15.50</td>
</tr>
</tbody>
</table>
Geo. L. Noyes, looking up Bank and Corporation tax, $17.50
Geo. B. Stockwell, horse-hire, police, distributing warrants, etc., 34.00
Geo. B. Stockwell, horse-hire, Assessors, 12.00
A. Gregg, returns of deaths, 8.75
A. Gregg, removing bodies of Geo. Lane and children, 4.00
John Mannahan, cleaning vault, 3.00
W. A. Clilds, letter-book, 4.25
J. E. Mackin, care and repairs town flags, 4.00
Geo. McWhirter, repairs town-pump and water-cart, 6.00
Geo. S. Bowen, repairs town-pump, 3.00
T. P. Emerson, expressage, 17.73
H. J. Edwards, services on fire inquest, John Barnard, 10.00
Sundry person, witness fees on fire inquest, John Barnard, 4.80
Mary McLauthlin, damages defect in sidewalk, 34.33
E. V. Howard, witness fees, Geo. A. Sawyer case, 93.00
J. B. Goodrich, legal service, G. A. Sawyer case, 150.00
W. J. Mills, raising flagstaff, 8.00
Geo. F. Morgan, abstracts deeds and mortgages, 32.70
A. Howes, chain for dipper at town-pump, lock and key, 1.20
Charles Cummings, ringing bell July 4, 2.00
AUDITOR'S REPORT.

Andrew Mills, lowering flagstaff, $5 00
D. W. Kinsman, ringing bell July 4. 2 00
G. F. Norcross, setting out maple trees, 7 00
Geo. A. Stone, maple trees, 6 00
R. H. Paine, tools for use at cemetery, 3 92
Derring Brothers, damages received to carryall June 30, 32 90
Sturgis & Brigham, plans and specifications engine-house, 50 00
Carter, Dinsmore & Co., ink, town officers, 2 25
Sam'l L. Batchelder, refreshment to town officers, March 5, Nov. 5, 19 50
J. K. Stickney, stationery and postage, 4 00
H. G. Pierce, book for registrar of voters, 1 60
Train & Tule, legal services, G. A. Sawyer case, 270 00
A. F. Haynes, ringing bell July 4, and town meetings, 4 00
E. O. Morris, repairing roof town house, 1 85
Geo. E. Teele, painting water-cart and street signs, 23 00
Priest, Page & Co., repairing town scales, 19 10
Walker & Pratt Manf'g Co., dipper for pump, Common street, 60
Waldo A. Learned, setting grades Mt. Auburn street, 9 00
C. F. Jackson, survey and plans extension Summer street, 5 00
J. H. Critchett, expressage, 25
A. D. Henderson, raising draw Brighton bridge, $78 40
Watertown "Observer," advertising town warrant and auditor's notice, 7 50
Newton "Republican," advertising town warrant, 7 00
T. Patten, salary as weigher, town scales, 101 00

Total: $1,982 92

The following amounts were transferred from this account by the Board of Selectmen as authorized by vote of the town, July 30, 1877, to meet deficiencies in these departments:

<table>
<thead>
<tr>
<th>Department</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Almshouse</td>
<td>$1,404 52</td>
</tr>
<tr>
<td>Drainage</td>
<td>221 65</td>
</tr>
<tr>
<td>Insurance</td>
<td>6 88</td>
</tr>
<tr>
<td>Police</td>
<td>17 37</td>
</tr>
<tr>
<td>Paying portion of town debt</td>
<td>100 00</td>
</tr>
<tr>
<td>Schools</td>
<td>401 33</td>
</tr>
<tr>
<td>Town Hall</td>
<td>271 92</td>
</tr>
<tr>
<td>State aid</td>
<td>247 80</td>
</tr>
<tr>
<td>Balance unexpended</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2,671 47</td>
</tr>
<tr>
<td></td>
<td>5,493 10</td>
</tr>
<tr>
<td>Total</td>
<td>$10,147 49</td>
</tr>
</tbody>
</table>

**Discounts and Abatements.**

To appropriation, $4,000 00
interest on taxes, 1,204 34

Total: $5,204 34
AUDITOR’S REPORT.

EXPENDITURES.

Geo. L. Noyes, Collector, abatement tax, 1875, $116 81
Geo. L. Noyes, Collector, abatement tax, 1876, 289 77
Geo. L. Noyes, Collector, abatement tax, 1877, 690 70
Geo. L. Noyes, Collector, discount tax, 1877, 2,030 29

Balance unexpended, 2,076 77

$3,127 57
$5,204 34

DRAINAGE.

To appropriation, $500 00
contingent transfer, authorized July 30, 221 65

$721 65

EXPENDITURES.

Marcellus, Day & Co., drain pipe, $582 27
Thomas L. French, labor, cement, and brick, 86 88
A. Howes, drain-pipe, 34 50
S. S. Gleason, “ “ 18 00

$721 65

FIRE DEPARTMENT.

To appropriation, $5,700 00
G. B. Moore, sale of manure, old rope, etc., 74 00

$5,774 00
AUDITOR'S REPORT.

EXPENDITURES.

PAY-ROLL.

Board of Engineers to Feb. 1, '78, $350 00
Hosemen (15) Steam Fire Engine Co, to Feb. 1, '78, 743 27
Hook and Ladder Co. (15), to Feb. 1, '78, 726 66
Hiram McGlaufflin, engineer, 972 00
H. G. Pierce, driver, 830 04
J. H. Holt, stoker, 50 50
J. R. Harrison, stoker, 43 75
J. B. Rogers, driver, 1 week, 17 00

$3,733 22

HAY, STRAW, AND GRAIN.

Levi Miles, hay, $148 91
T. P. Emerson, hay and straw, 107 29
T. L. French, hay and straw, 94 90
Coffin and Magee, grain, 201 45

$552 55

FUEL AND LIGHTS.

R. Gilkey, coal and wood, $22 60
Thomas Gaven, wood, 3 20
N. & W. Gas Light Co., 56 00

$81 80

SHOEING.

W. C. Foley, $36 00
N. B. Thompson, 27 95

$62 95

REPAIRS.

S. F. Stearns, carpenter work, stock and labor, $7 95
Perry & Moody, carpenter work, stock and labor, 82 07
AUDITOR'S REPORT.

John Ross, blacksmith work, $25 80
George McWhirter, harness repairs, 33 95
Walker & Pratt Mfg. Co., machine work, 21 55
George E. Teele, painting, 5 50
E. P. Juckett, leather and pump pistons, 6 50
A. S. Buckingham, painting fire hats, 18 50
M. Whiting, carpenter work, stock and labor, 12 47
R. W. Paine, hardware, 18 83
J. W. Wilkinson, door springs, 1 50
F. T. Cummings, mason work, 1 60
A. D. Drew, repairing hats, 2 50
Braman, Dow & Co., valves, 1 58
Hanneman & Co., repairs of engine, 22 20
E. O. Morris, repairs, slating roof, 18 77
H. A. Winship, blunderbus suction case fire hats, 46 50
A. Howes, gongs, bells, and hardware, 11 77
J. Boyd & Son, repairing hose, 31 14
Hollingsworth & Whitney, soda ash, 60
C. W. Berry, brooms, matches, oil, etc., 13 07
Otis Brothers, crash, 1 60
Thomas Carroll, cleaning snow from reservoirs, 2 00

$387 95

MISCELLANEOUS.

J. H. Critchett, expressage, $8 00
C. C. McLauthlin, stationery, 2 41
Mrs. Peter Welch, washing bedclothes, 24 00
A. B. Rogers, rubber coats, 7 50
Chas. H. Bright, use of pung, 12 00
L. Bent & Co., bedclothes, carpet and curtains, $38 37
S. E. Woodward, medicine for horses, 1 25
G. B. Moore, testing hose, 21 00

$114 53

Balance unexpended, $4,934 00
840 00
$5,774 00

FREE PUBLIC LIBRARY.

To appropriation, $1,450 00
Dog tax, 422 94

$1,872 94

EXPENDITURE.

Geo. N. March, Treasurer, $1,872 94

HIGHWAYS.

To appropriation, $8,000 00
" Wm. Perkins, labor on cemetery, 21 25
" Wm. Perkins, labor, 44 00

$8,065 25

EXPENDITURES.

CARTING AND LABOR.

Almshouse, Z. Boody, running crusher, $54 00
Wm. Perkins, pay-rolls, 5,862 96
Thomas Gaven, cleaning cesspool, 12 00

$5,928 96
AUDITOR’S REPORT.

MATERIAL FOR ROADS.

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wm. Manning</td>
<td>gravel</td>
<td>$7.70</td>
</tr>
<tr>
<td>P. O’Brien</td>
<td></td>
<td>7.00</td>
</tr>
<tr>
<td>E. G Pinkham</td>
<td></td>
<td>11.20</td>
</tr>
<tr>
<td>T. Williams</td>
<td></td>
<td>27.20</td>
</tr>
<tr>
<td>J. E. Cassidy</td>
<td></td>
<td>55.80</td>
</tr>
<tr>
<td>Miss Stone</td>
<td></td>
<td>23.80</td>
</tr>
<tr>
<td>Wm. Perkins</td>
<td></td>
<td>13.40</td>
</tr>
<tr>
<td>T. Gaven</td>
<td></td>
<td>7.50</td>
</tr>
<tr>
<td>A. B. Chamberlain</td>
<td>stone</td>
<td>15.75</td>
</tr>
<tr>
<td>J. Dowd</td>
<td></td>
<td>213.00</td>
</tr>
<tr>
<td>J. E. Gill</td>
<td></td>
<td>25.20</td>
</tr>
<tr>
<td>B. Whitney</td>
<td></td>
<td>22.50</td>
</tr>
<tr>
<td>Dan'l Kelly</td>
<td></td>
<td>15.00</td>
</tr>
<tr>
<td>W. C. S. Harrington</td>
<td></td>
<td>84.60</td>
</tr>
<tr>
<td>Geo. H. Sleeper</td>
<td>cinders</td>
<td>28.50</td>
</tr>
</tbody>
</table>

Total: $558.15

HAY, STRAW, AND GRAIN.

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Coffin &amp; Magee</td>
<td>grain</td>
<td>$326.20</td>
</tr>
<tr>
<td>Almshouse</td>
<td>hay and straw</td>
<td>297.00</td>
</tr>
</tbody>
</table>

Total: $623.20

HORSE-SHOEING AND REPAIRING TOOLS.

<table>
<thead>
<tr>
<th>Name</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>W. C. Foley</td>
<td>$208.62</td>
</tr>
<tr>
<td>John Ross</td>
<td>15.86</td>
</tr>
</tbody>
</table>

Total: $224.48

REPAIRS.

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>John Madden</td>
<td>wheelwright work</td>
<td>$9.75</td>
</tr>
<tr>
<td>R. H. Paine</td>
<td>tools and hardware</td>
<td>27.82</td>
</tr>
<tr>
<td>A. Howes</td>
<td></td>
<td>14.65</td>
</tr>
<tr>
<td>John Trickey</td>
<td>wheelwright work</td>
<td>3.75</td>
</tr>
<tr>
<td>Parker &amp; Gannett</td>
<td>plough-point</td>
<td>1.12</td>
</tr>
</tbody>
</table>

Total: $5.00
J. W. Wilson, repairing engine to crusher,  
George McWhirtor, harness repairs,  
George Bowen, repairing crusher,  
Walker & Pratt Mfg. Co., castings,  
Blake Crusher Co.,  
Campbell Bros. & Co., repairing engine to crusher,  
Thomas Patten, harness repairs,  

$35 70  
5 25  
3 00  
28 33  
14 75  
1 84  
23 17  

$169 13  

FENCING.  
R. Gilkey, lumber,  
Berry & Moody, labor and stock,  
H. W. Macurdy,  
Moses Whiting,  

$31 52  
11 45  
12 01  
29 37  

$84 35  

STREET SIGNS.  
M. Whiting, repairing signs,  
Geo. E. Teele, painting,  

$ 50  
7 50  

$8 00  

MISCELLANEOUS.  
Albert Howes, tip-cart,  
W. C. S. Harrington, one horse,  
Samuel Noyes & Co., lard oil,  
S. R. Perkins, pasture for horse,  
R. Gilkey, coal for crusher,  
T. Gaven,  
Waldo A. Learned, setting street grades,  
J. Barnard, paint,  

$50 00  
275 00  
7 30  
4 28  
22 50  
60 04  
6 00  
4 00  

$429 12  

$8,025 39  
39 86  

$8,065 25  

Balance unexpended,
### INTEREST ON TOWN DEBT.

To appropriation, $6,200 00

### EXPENDITURES.

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boston Five Cent Savings Bank, 1 year on $6,000, at 6 per cent.</td>
<td>$360 00</td>
</tr>
<tr>
<td>Boston Five Cent Savings Bank, 6 mos. on $10,000, at 7 per cent.</td>
<td>350 00</td>
</tr>
<tr>
<td>Lowell Institution for Savings, 1 year on $5,500, at 6 per cent.</td>
<td>330 00</td>
</tr>
<tr>
<td>Lowell Institution for Savings, 1 year on $8,000, at 5 1/2 per cent.</td>
<td>460 00</td>
</tr>
<tr>
<td>Lowell Institution for Savings, 1 year and 5 days int. on $725, at 5 1/2 per cent.</td>
<td>40 48</td>
</tr>
<tr>
<td>Watertown Savings Bank, 1 year on $11,500, at 6 per cent.</td>
<td>690 00</td>
</tr>
<tr>
<td>North American Insurance Co., on $5,000, due Dec. 24, paid March 31.</td>
<td>85 76</td>
</tr>
<tr>
<td>Treasurer Commonwealth, 1 year on $9,268, at 6 per cent.</td>
<td>556 08</td>
</tr>
<tr>
<td>Mrs. Luke Forbes, 1 year on $2,000, at 6 per cent.</td>
<td>120 00</td>
</tr>
<tr>
<td>Mrs. Luke Forbes, 1 year on $1,000, at 6 per cent.</td>
<td>60 00</td>
</tr>
<tr>
<td>Treasurer Commonwealth, 1 year on $4,500, at 6 1/2 per cent.</td>
<td>292 50</td>
</tr>
<tr>
<td>Miss S. B. Whitney, 1 year on $1,500, at 6 per cent.</td>
<td>90 00</td>
</tr>
<tr>
<td>Annie A. Learned, 1 year on $1,000, at 6 per cent.</td>
<td>60 00</td>
</tr>
<tr>
<td>Mrs E. Glines, 1 year on $1,000, at 6 per cent.</td>
<td>60 00</td>
</tr>
</tbody>
</table>
### Mercantile Savings Institution
- 6 mos. on $20,000, at 6 per cent.  
  - **$600 00**

### Mercantile Savings Institution
- 1 mo. 18 days on $6,775, paid Sept. 24, at 6 per cent.  
  - **54 20**

### Mercantile Savings Institution
- 6 mos. on $13,225, at 6 per cent.  
  - **396 75**

### Hinckley & Co.
- 1 year on $4,000, at 6 per cent.  
  - **240 00**

### Eliza J. Norcross
- 1 year on $200, at 6 per cent.  
  - **12 00**

### Ann J. Norcross
- 1 year on $700, at 6 per cent.  
  - **42 00**

### John Templeton fund
- 1 year on $2,500, at 7 per cent.  
  - **175 00**

### Union Market National Bank
- Discount on note  
  - **710 84**

---

**Balance unexpended,**

- **$5,785 61**
  - **414 39**

- **$6,200 00**

### INSURANCE

To appropriation,  
- **$650 00**

" contingent, authorized July 30, 1877,  
- **6 88**

---

**$656 88**

### EXPENDITURES

W. H. Ingraham, premium insurance on town-hall, engine-house, free public library, and school-houses,  
- **$487 88**

S. T. Sharp, premium insurance on almshouse, free public library, and school-houses,  
- **169 00**

---

**$656 88**
AUDITOR'S REPORT.

I. B. PATTEN POST 81, G.A.R.

To appropriation, $200 00

EXPENDITURES.

C. C. White, treasurer Post 81, $200 00

POLICE.

To appropriation, $3,150 00
Oliver Shaw, rent of hall, 15 00
H. McGlaunlin, board of lodgers, 15 00
Contingent transfer, authorized
    July 30, 17 37

EXPENDITURES.

George Parker, regular, 1 year to Feb. 1, 1878, $1,003 75
E. V. Howard, regular, 1 year to Feb. 1, 1878, 1,003 75
S. F. Stearns, special, 342 37
Thomas Carroll, " 215 85
Richard Newman, " 215 87
James Burke, " 161 86
H. B. Cheney, " 11 00
H. P. Hubbard, " 32 50
Owen McGrath, " 9 75
D. F. Trask, " 11 00
J. H. Frazer, " 4 13
Chester Sprague, " 2 75
H. McGlaunlin, keeper of lockup, 1 year, to Feb. 1, '78, 60 00
H. B. Cheney, fire, 9 00
Owen McGrath, " 4 50
D. F. Trask, fire, $7 50  
H. P. Hubbard, $8 25  
L. A. Shaw, $5 25  
Chester Sprague, $5 25  
C. W. Berry, sand-soap, matches, etc., $2 07  
N. & W. Gas Co., $55 30  
Walker & Pratt Mfg. Co., pails, dip-  
pers, etc., $11 35  
S. H. Coombs, shoes for criminal, $1 25  
A. Howes, keys and tacks, $2 20  
C. C. McLauthlin, stationery, $62  
Geo. S. Bowen, repairing pumps, $2 00  
I. Costello, whitewashing, $8 00  
Henry Russell, glass in lantern, $25  

$3,197 37

**PRINTING.**

To appropriation, $800 00

**EXPENDITURES.**

Rockwell & Churchill, 1,100 town  
reports, school reports, town warr-  
ants, jury list, etc., $467 65  
F. G. Barker, organization card, $2 00  
C. C. McLauthlin, warrants, bill-heads,  
tax-bills, notices, etc., $99 71  
Rockwell & Churchill, printing book,  
intentions of marriage, $12 50  
C. H. & J. E. Bradlee, check list, $35 00  

$616 86  
Balance unexpended,  
$800 00  
183 14
SIDEWALKS.

To appropriation, $1,500.00
Geo. L. Noyes, from abutters, 710 78
________________________
$2,210 75

Note. — There is due from abutters the sum of $389.64.

EXPENDITURES.

D. F. Tripp, concrete laid, $1,558 21
O. F. Knox, curbstone, 223 00
Balance unexpended, 429 57
________________________
$2,210 78

SALARIES OF TOWN OFFICERS.

To appropriation, $2,850.00

EXPENDITURES.

H. J. Edwards, school committee, $50.00
Rev. M. M. Green, school committee, 50 00
John Murray, " " 50 00
W. H. Dadmun, " " 50 00
C. W. Stone, " " 50 00
Mrs. Anna M. Hapgood, school committee, 50 00
J. K. Stickney, Treasurer, '77-'78, 350 00
Geo. L. Noyes, Collector, " 600 00
T. G. Abbott, Town Clerk, " 250 00
Samuel Walker, Selectman, " 200 00
Oliver Shaw, " " 200 00
J. W. Magee, " " 200 00
Howard Russell, Auditor, " 150 00
Chas. J. Barry, Assessor, " 200 00
Geo. L Noyes, " " 200 00
J. W. Tuttle, " " 200 00
________________________
$2,850.00
SCHOOLS.

To appropriation, $20,700 00
Treasurer Commonwealth, proportion School Fund, 99 27
Contingent transfer, authorized July 30, 1877, 401 33 $21,200 60

EXPENDITURES.

Byron Groce, 5 months, $1,000 00
Selah Howell, 5 mos., 850 00
Ellen M. Crafts, 1 year, 750 00
Geo. S Turner, 1 year, 1,250 00
Laura A. Gale, 1 year, 800 00
Hattie B. Crafts, 1 year, 537 50
W. H. Crocker, 5 mos., 650 00
Etta B. Dadmun, 1 year, 487 50
Mary D. Patten, 1 year, 442 50
H. Maria Tucker, 1 year, 475 00
Alice J. Norcross, 1 year, 485 00
Nellie E. Williams, 1 year, 475 00
Bertha M. Whitney, 1 year, 475 00
Lottie M. Bemis, 1 year, 380 00
Emma H. McLauthlin, 1 year, 475 00
Manie B. Patten, 1 year, 375 00
Edward F. Thomas, 7 mos., 670 34
Lilla Frost, 6 mos., 360 00
Semantha Chase, 5 mos., 225 00
E. C. Gear, 2 mos., 100 00
John S. Flagg, 4 mos., 400 00
Geo. W. Andrew, 1 month, 100 00
Lyda F. Wicks, 5 mos., 250 00
M. P. Turner, 5 mos., 225 00
Nellie Bradlee, 5 mos., 250 00
### AUDITOR’S REPORT.

<table>
<thead>
<tr>
<th>Name</th>
<th>Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>M. J. Bancroft, 5 mos.</td>
<td>$237.50</td>
</tr>
<tr>
<td>Carrie Merrill, 3 mos.</td>
<td>80.00</td>
</tr>
<tr>
<td>Chas. E. Whiting, 3 mos.</td>
<td>90.00</td>
</tr>
<tr>
<td>Hattie Mason, 1 month</td>
<td>40.00</td>
</tr>
<tr>
<td>Sarah F. Coolidge, 1 year</td>
<td>487.50</td>
</tr>
<tr>
<td>Hulda B. Loud, 5 mos.</td>
<td>400.00</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$13,822.84</strong></td>
</tr>
</tbody>
</table>

### SALARIES OF JANITORS.

<table>
<thead>
<tr>
<th>Name</th>
<th>Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nathaniel Gee</td>
<td>$1,158.30</td>
</tr>
<tr>
<td>Mrs. Julia Sullivan</td>
<td>75.00</td>
</tr>
<tr>
<td>Mrs. M. Austin</td>
<td>99.96</td>
</tr>
<tr>
<td>N. Gee, truant officer</td>
<td>16.65</td>
</tr>
<tr>
<td>Richard Newman</td>
<td>6.65</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$1,356.56</strong></td>
</tr>
</tbody>
</table>

### FUEL FOR SCHOOL-HOUSES.

<table>
<thead>
<tr>
<th>Supplier</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thomas Gavan, coal</td>
<td>$825.49</td>
</tr>
<tr>
<td>Walker &amp; Pratt Manuf'ing Co., coal</td>
<td>5.94</td>
</tr>
<tr>
<td>R. Gilkey, coal</td>
<td>4.93</td>
</tr>
<tr>
<td>Aiken &amp; Woodard, charcoal</td>
<td>89.65</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$926.01</strong></td>
</tr>
</tbody>
</table>

### BOOKS AND STATIONERY.

<table>
<thead>
<tr>
<th>Supplier</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>C. C. McLauthlin, books</td>
<td>$1,141.70</td>
</tr>
<tr>
<td>Thompson, Brown, &amp; Co.</td>
<td>11.88</td>
</tr>
<tr>
<td>Nichols &amp; Hall, drawing materials</td>
<td>184.49</td>
</tr>
<tr>
<td>Rockwell &amp; Churchill, examination</td>
<td>104.37</td>
</tr>
<tr>
<td>papers,</td>
<td></td>
</tr>
<tr>
<td>M. M. Green, stationery for use of</td>
<td></td>
</tr>
<tr>
<td>schools and committee</td>
<td>70.68</td>
</tr>
<tr>
<td>L. Prang, drawing material</td>
<td>1.12</td>
</tr>
<tr>
<td>Frost &amp; Adams, books</td>
<td>42.92</td>
</tr>
<tr>
<td>W. W. Tewkesbury, books</td>
<td>48.88</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$1,606.04</strong></td>
</tr>
</tbody>
</table>
REPAIRS.

A. Howes, hardware, etc., $22 84
R. H. Paine, hardware, etc., 5 89
Berry & Moody, carpenter work, 372 26
J. T. Blaisdell, carpenter work, 60 83
S. F. Stearns, carpenter work, 109 73
H. W. Macurdy, carpenter work, 16 05
A. G. Whitcomb, school desks, 380 30
chairs, and ink-wells,
S. F. Carrier, plumbing, 27 86
Walker & Pratt Manufacturing Com-
pany, furnace repairs, 186 98
H. McElwin, re-slatting blackboards, 100 00
Geo. S. Bowen, pump repairs, 20 50
John Barnard, painting, 248 00
Henry Russell, painting, 353 54
R. Gilkey, lumber, 17 88
A. T. Stearns & Son, lumber, 132 12
John Page, painting, 99 76
J. F. Bryan, pump repairs, 18 87
E. O. Morris, slating, 16 40
S. T. Blanchard, binding books, 109 97
T. L. French, mason work and stock, 158 33
B. W. Wentworth, re-slatting black-
boards, 16 25
John Ross, repairs on iron post, 3 75
John Tucker, repairs on wheelbarrow, 75
F. T. Cummings, mason work, 29 21

$2,508 07

MISCELLANEOUS.

Parker & Howard, truant officers, $60 00
Mrs. T. Austin, cleaning school-house, 12 15
Mrs. J. Sullivan, cleaning school-
houses, 4 65
N. Gee, cleaning school-house, $10 15
C. W. Berry, brushes, oil, mats, etc., 88 87
L. Bent & Co., curtains and carting settees, 73 66
Gilbert Cutting, tuning pianos, 8 50
H. F. Miller, rent of pianos, 40 00
Thomas Gavan, removing snow and ashes, 121 24
T. P. Emerson, expressage, 25 20
A. F. Haynes, plans of outbuildings, 10 00
Sturgis & Brigham, sketch " 15 00
C. W. Learned, disinfectant, 4 00
Ætna Mills, " 6 75
A. T. Turner, " 3 30
Fred G. Barker, printing programmes, etc., 10 00
D. W. Kinsman, labor at exhibition of drawings, 10 00
American Metric Bureau, charts and cabinet, 82 60
George McWhirter, trunk, 2 00
W. Rogers, repairing and cleaning clock, 13 50
H. M. Stimson, school exercises, 3 56
George L. Noyes, insurance on pianos, 7 50
Wadsworth Brothers & Howland, instruments, 35 00
Henry Skinner, labor at laboratory, 4 50
J. H. Critchett, expressage, 25
I. B. Patten Post 81, G.A.R., use of hall, 8 00
S. E. Woodward, acids and chemicals, 20 70

$981 08

$21,200 60
STREET LIGHTS AND LAMP POSTS.

To appropriation, $3,750 00

EXPENDITURES.

Globe Gas Light Company, lighting and care, $1,468 50
Globe Gas Light Company, lamp-posts, lanterns, etc., 177 25
Newton and Watertown Gas Light Company, gas, care and lighting, 1,858 15
Newton Gas Light Company, labor setting posts, pipes and burners, 32 26
J. C. Stone, lighting one street lamp, Aug. to Nov., 1876, 3 00
Davis & Farnum, two lamp-posts and frames, 25 00

Balance unexpended, $3,564 16

STATE TAX.

To amount assessed, $6,420 00
Paid treasurer Commonwealth, 6,420 00

STATE AID.

To amount from treasurer Commonwealth, for 1876, $618 20
Contingent, transferred as authorized July 30, 1877, 247 80

$866 00
**AUDITOR'S REPORT.**

### EXPENDITURES.

<table>
<thead>
<tr>
<th>Name</th>
<th>Term (months)</th>
<th>Amount ($)</th>
</tr>
</thead>
<tbody>
<tr>
<td>To Charles F. Jackson</td>
<td>12</td>
<td>72 00</td>
</tr>
<tr>
<td>John Hallihan</td>
<td>12</td>
<td>120 00</td>
</tr>
<tr>
<td>H. G. Pierce</td>
<td>9</td>
<td>90 00</td>
</tr>
<tr>
<td>Deborah Bright</td>
<td>12</td>
<td>48 00</td>
</tr>
<tr>
<td>Mary Severance</td>
<td>12</td>
<td>48 00</td>
</tr>
<tr>
<td>Mary McCabe</td>
<td>12</td>
<td>48 00</td>
</tr>
<tr>
<td>Maria Levally</td>
<td>12</td>
<td>48 00</td>
</tr>
<tr>
<td>O. A. Pollard</td>
<td>12</td>
<td>96 00</td>
</tr>
<tr>
<td>Sarah W. White</td>
<td>12</td>
<td>48 00</td>
</tr>
<tr>
<td>Horace W. Otis</td>
<td>12</td>
<td>72 00</td>
</tr>
<tr>
<td>And'w L. Flohr</td>
<td>12</td>
<td>72 00</td>
</tr>
<tr>
<td>Mary E. Sawtell</td>
<td>12</td>
<td>48 00</td>
</tr>
<tr>
<td>Mary Murphy</td>
<td>12</td>
<td>48 00</td>
</tr>
<tr>
<td>Alice Crotty</td>
<td>2</td>
<td>8 00</td>
</tr>
</tbody>
</table>

**Total:** $866 00

### TOWN DEBT.

<table>
<thead>
<tr>
<th>Category</th>
<th>Amount ($)</th>
</tr>
</thead>
<tbody>
<tr>
<td>To appropriation</td>
<td>$5,000 00</td>
</tr>
<tr>
<td>Amount received from Mt. Auburn Cemetery Corporation, authorized by vote of the town</td>
<td>2,500 00</td>
</tr>
<tr>
<td>Contingent transfer, as authorized July 30, 1877</td>
<td>100 00</td>
</tr>
</tbody>
</table>

**Total:** $7,600 00

### EXPENDITURES.

<table>
<thead>
<tr>
<th>Institution</th>
<th>Amount ($)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mercantile Savings Institution, on note, $20,000, Aug. 9, 1873</td>
<td>$6,775 00</td>
</tr>
<tr>
<td>Lowell Institution for Savings, balance of note, Oct. 6, 1853</td>
<td>725 00</td>
</tr>
<tr>
<td>Mrs. Luke Forbes, on note, Dec. 1, 1869</td>
<td>100 00</td>
</tr>
</tbody>
</table>

**Total:** $7,600 00
TOWN HALL, HEATING, LIGHTING, AND CARE OF.

To appropriation, $1,000.00
Alexander Gregg, janitor, rent to Feb. 1, 1877, $282.00
Contingent transfer, as authorized July 30, 1877, 271.92

EXPENDITURES.

Alexander Gregg, janitor, to Feb. 1, 1878, $432.00
A. Brackett, coal, 99.00
T. Gavan, coal, 288.09
Newton & Watertown Gas Co., gas, 230.65
C. W. Berry, pail, brooms, and matches, 4.26
R. H. Paine, hook, chain, and tacks, 53.00
Davis & Farnum, iron column and base, 11.50
Walker & Pratt Mfg. Co., door-frame, 1.25
Berry & Moody, carpenter work and stock, 23.16
S. F. Stearns, carpenter work and stock, 5.87
L. Bent & Co., repairing chairs, 3.45
George McWhirter, sponges, 2.75
George P. Clark, repairing gas fixtures, 9.00
E. O. Morris, repairing roof, 7.94
T. L. French, mason work and stock, 172.98
Henry Russell, painting, 182.37

Total $1,553.92
AUDITOR'S REPORT.

Howard Brothers, ice, $9 00
H. W. Macurdy, carpenter work, 1 62
Geo. E. Gregg, cleaning Town Hall, 64 50
Geo. S. Bowen, repairing roof, 2 00
S. E. Woodward, alcohol for lighting, 2 00

$1,553 92

TEMPLETON BENEFICENT FUND.

The Templeton Fund, $2,500, the income of which is distributed annually according to the term of the bequest, statement of which can be seen on page 65 of Town Report for 1874, is loaned to the town by the Selectmen, they holding the Town Treasurer's note for the amount, and collecting annually (December 21) interest at the rate of seven per cent, which is the income to be distributed.

To interest on $2,500 one year, to Dec. 21, 1877, $175 00

EXPENDITURES.

Samuel Noyes & Co., goods delivered sundry persons, by order Selectmen, $5 00
Horne Brothers, goods delivered sundry persons, by order Selectmen, 10 00
L. A. Shaw, goods delivered sundry persons, by order Selectmen, 24 00
I. W. Pinkham, goods delivered sundry persons, by order Selectmen, 2 00
Lynch Brothers, goods delivered sundry persons, by order Selectmen, 6 00
Otis Brothers & Co., goods delivered sundry persons, by order Selectmen, $61 00
Otis Brothers, goods delivered sundry persons, by order Selectmen, 21 00
A. B. Rogers, goods delivered sundry persons, by order Selectmen, 3 00
C. W. Berry, goods delivered sundry persons, by order Selectmen, 15 00
R. Gilkey, goods delivered sundry persons, by order Selectmen, 16 00
W. H. Lyman, goods delivered sundry persons, by order Selectmen, 12 00

$175 00

STATEMENT OF ASSETS AND LIABILITIES, EXCLUSIVE OF TOWN DEBT, TO FEBRUARY 13, 1878.

ASSETS.
Cash balance in hands of Treasurer, $3,844 19
Due from State on account of State aid, 866 00
Outstanding taxes, 1876, in hands of George L. Noyes, 920 27
Outstanding taxes, 1877, in hands of George L. Noyes, 9,812 72
Uncollected taxes, Wm. Rimmer, land, lots 20, 21, 22, 31, 32, 33, bought for taxes, 1876, with interest and expenses to November 4, 1877, 80 40
Uncollected taxes, Horace Saunders, land, lots, 14, 15, 16, 17, 52, 53, 54, 55, 56, bought for taxes, 1876, with interest and expenses to November 21, 1877, 130 33
D. D. Dickinson, land and buildings sold Oct. 17, 1877, for assessment on sidewalks, $79 58
Uncollected taxes, J. F. Boyd, lot 46, and silk factory, bought for taxes, 1871, 1872, 1873, and 1874, with expenses and interest to April 10, 1877, 588 50
Due from abutters for sidewalk, 389 64

$16,711 63

LIABILITIES.

Note due Union Market National Bank, due March 14, 1878, borrowed in anticipation of taxes, $5,000 00

Surplus, $11,711 63

Of the above surplus, $1,500 will be needed at once to defray the expenses of erecting the out-building at the High School.

The above statement closes the report of the financial department for the year. The town debt has been reduced $7,600, in accordance with the provision made for that purpose. The debt is now $79,293, and drawing annual interest as follows: — (See table, page 40.)

\[
\begin{array}{ccc}
$10,000 00 & @ 7 \% & $700 00 \\
4,500 00 & " 6\frac{1}{2} " & 292 50 \\
50,793 00 & " 6 " & 3,047 58 \\
8,000 00 & " 5\frac{3}{4} " & 460 00 \\
6,000 00 & " 5 " & 300 00 \\
\hline
$79,293 00 & $4,800 08 \\
\end{array}
\]

Respectfully submitted,

HOWARD RUSSELL,

Auditor.
ESTIMATES FOR THE YEAR 1878.

For schools, $18,750 00
- Fire department and engineers, 5,600 00
- Support of poor, 4,500 00
- Highways, including crusher and drainage, 8,000 00
- Bridges and culverts, 1,000 00
- Interest on town debt, 5,500 00
- Salaries, 2,850 00
- Discounts and abatements, 3,000 00
- Paying portion of town debt, 5,000 00
- Police, 3,150 00
- Insurance, 400 00
- Free public library, 2,500 00
- Concrete walks, 500 00
- Contingent, with other credits, 1,000 00
- Street lights and lamp-posts, 3,700 00
- Printing, 700 00
- Heating, lighting, and care of Town Hall, 1,000 00
- Care of cemeteries, and gravel for do., 75 00
- Isaac B. Patten Post, 200 00
- Heating apparatus for West School, 1,500 00
- For purchase of additional hose for fire dep’t, 700 00

$69,625 00
**SUMMARY OF RECEIPTS, APPROPRIATIONS, AND EXPENDITURES FOR THE YEAR ENDING JANUARY 31, 1878.**

<table>
<thead>
<tr>
<th>Appropriations</th>
<th>Receipts</th>
<th>Transfers to Departments Over-drawn</th>
<th>Total Expenditures</th>
<th>Unexpendable Balances</th>
</tr>
</thead>
<tbody>
<tr>
<td>Almshouse</td>
<td>$3,500 00</td>
<td>$1,503 34</td>
<td>$1,404 52</td>
<td>$6,407 86</td>
</tr>
<tr>
<td>Addition to Engine House</td>
<td>1,200 00</td>
<td></td>
<td>1,200 00</td>
<td>$189 88</td>
</tr>
<tr>
<td>Bridges and Culverts</td>
<td>1,000 00</td>
<td></td>
<td>1,000</td>
<td></td>
</tr>
<tr>
<td>Care of Cemeteries</td>
<td>150 00</td>
<td></td>
<td>150 00</td>
<td></td>
</tr>
<tr>
<td>Contingent</td>
<td>2,000 00</td>
<td>8,147 49</td>
<td>1,952 92</td>
<td>8,164 57</td>
</tr>
<tr>
<td>Discounts and Abatements</td>
<td>4,000 00</td>
<td>1,204 34</td>
<td>3,127 57</td>
<td>2,076 77</td>
</tr>
<tr>
<td>Drainage</td>
<td>500 00</td>
<td></td>
<td>221 55</td>
<td>221 55</td>
</tr>
<tr>
<td>Fire Department</td>
<td>5,700 00</td>
<td>74 00</td>
<td>4,934 00</td>
<td>840 00</td>
</tr>
<tr>
<td>Free Public Library</td>
<td>1,450 00</td>
<td>422 94</td>
<td>1,872 94</td>
<td>1872 94</td>
</tr>
<tr>
<td>Highways</td>
<td>8,000 00</td>
<td>65 25</td>
<td>8,065 61</td>
<td>414 39</td>
</tr>
<tr>
<td>Interest</td>
<td>6,200 00</td>
<td></td>
<td>6,200 00</td>
<td>6,200 00</td>
</tr>
<tr>
<td>Insurance</td>
<td>650 00</td>
<td></td>
<td>650 00</td>
<td>650 00</td>
</tr>
<tr>
<td>1. B. Patten Post 81, G.A.R.</td>
<td>200 00</td>
<td></td>
<td>200 00</td>
<td></td>
</tr>
<tr>
<td>Police</td>
<td>3,150 00</td>
<td>30 00</td>
<td>3,180 00</td>
<td>183 14</td>
</tr>
<tr>
<td>Printing</td>
<td>800 00</td>
<td></td>
<td>800 00</td>
<td></td>
</tr>
<tr>
<td>Schools</td>
<td>20,700 00</td>
<td>99 27</td>
<td>20,799 69</td>
<td>183 14</td>
</tr>
<tr>
<td>Sidewalks</td>
<td>1,500 00</td>
<td>710 78</td>
<td>1,781 21</td>
<td>429 57</td>
</tr>
<tr>
<td>Street Lights</td>
<td>3,750 00</td>
<td></td>
<td>3,804 10</td>
<td>183 84</td>
</tr>
<tr>
<td>Salaries</td>
<td>2,350 00</td>
<td></td>
<td>2,350 00</td>
<td></td>
</tr>
<tr>
<td>Town Debt</td>
<td>5,000 00</td>
<td>2,600 00</td>
<td>7,600 00</td>
<td></td>
</tr>
<tr>
<td>Town Hall</td>
<td>1,000 00</td>
<td>282 00</td>
<td>1,282 00</td>
<td>1,533 92</td>
</tr>
<tr>
<td>Templeton Fund</td>
<td>175 00</td>
<td>2,757 64</td>
<td>175 00</td>
<td></td>
</tr>
<tr>
<td>Cash in Treasury, Feb. 13, 1878</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Taxes paid Feb. 13, 1878, less Interest collected (carried to discounts and abatements), and Overlay Taxes carried to Contingent. Each item being included in the receipts of its respective accounts</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Money borrowed</td>
<td>79,454 00</td>
<td></td>
<td>79,454 00</td>
<td></td>
</tr>
<tr>
<td>State Aid</td>
<td>46,000 00</td>
<td>247 86</td>
<td>46,247 86</td>
<td></td>
</tr>
<tr>
<td>State Tax paid</td>
<td>618 20</td>
<td></td>
<td>618 20</td>
<td></td>
</tr>
<tr>
<td>Bank Tax (see Account)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Corporation Tax (to Contingent)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Borrowed Money paid</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Balance in Treas. Feb. 13, 1878</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>$135,544 25</td>
<td>$135,544 25</td>
<td></td>
</tr>
</tbody>
</table>

*From balance of Contingent Account deduct transfers $5,171.47, leaving an actual balance of $993.10 only.*
APPRAISEMENT.

Personal property at the Almshouse in Watertown, pertaining to and used on the Town Farm,

Pertaining to and used on highways,

\[ \begin{align*}
\text{\$2,449.05} \\
\text{\$3,279.25} \\
\text{\$5,728.30}
\end{align*} \]

Additional inventory of the above property can be seen at the Selectmen's room, in a book kept for that purpose.

OLIVER SHAW,  
SAMUEL WALKER, \{ Appraisers. \}  
JAMES W. MAGEE, \}
# Schedule and Valuation of Town Property

**Town Farm,**

- 31½ acres of land, $750, $23,625 00
- Building on the same, as follows, viz.:
  - House, $2,000 00
  - Barn, 2,500 00
  - Hospital, 1,000 00
  - **Total Building:** $5,500 00
  - **Total:** $29,125 00

**Personal property, as per appraisal, $2,449 05**

**Used on roads,** 3,279 25

**Total:** $5,728 30

**Town-House and Land, and Engine-House,**

- 12,920 feet of land, $9,690 00
- Town-house and Engine-house, 26,200 00
- Furniture in Town-house, including heating apparatus, 3,300 00
- **Total Furniture:** $39,190 00

**High School-House,**

- 57,010 feet of land, $8,550 00
- High School-house and furniture, 30,000 00
- Philosophical apparatus, $1,500 00
- Library and piano, $500 00

---

**Total:** $38,550 00
<table>
<thead>
<tr>
<th>Property Type</th>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Centre School-House</td>
<td>15,318 feet of land, School-house and furniture, Piano,</td>
<td>$13,200 00</td>
</tr>
<tr>
<td>East School-House</td>
<td>27,378 feet of land, School-house and furniture, Piano,</td>
<td>$9,700 00</td>
</tr>
<tr>
<td>West School-House</td>
<td>21,500 feet of land, School-house and furniture, Piano,</td>
<td>$11,750 00</td>
</tr>
<tr>
<td>New West School-House</td>
<td>Land, 48,120 feet, School-house and furniture,</td>
<td>$9,000 00</td>
</tr>
<tr>
<td>South School-House</td>
<td>11,830 feet of land, School-house and furniture, Piano,</td>
<td>$11,650 00</td>
</tr>
<tr>
<td></td>
<td>Free Public Library and furniture,</td>
<td>$12,500 00</td>
</tr>
<tr>
<td></td>
<td>Iron safe at Town Treasurer's,</td>
<td>$40 00</td>
</tr>
<tr>
<td></td>
<td>Hay-scales,</td>
<td>$200 00</td>
</tr>
<tr>
<td></td>
<td>Gravel bank on Beacon Hill, 1 2-5 acre land,</td>
<td>$1,000 00</td>
</tr>
<tr>
<td></td>
<td>Water-cart,</td>
<td>$300 00</td>
</tr>
</tbody>
</table>
APPARATUS USED BY FIRE DEPARTMENT, —

Steam Fire-engine and Hose-carriage, $4,000 00
4 horses, used on Engine and Hose-carriage, 800 00
Hose, harnesses, and furniture, 2,500 00
New Hook-and-Ladder Truck, 1,000 00
4 Hose-carriages, 400 00
Tender wagon and equipments, 300 00

Total valuation town property, $192,933 30
# Insurance

<table>
<thead>
<tr>
<th>Property Insured</th>
<th>Where Insured</th>
<th>Amount</th>
<th>Total</th>
<th>Expires</th>
</tr>
</thead>
<tbody>
<tr>
<td>Centre School-house, Furniture and Out-buildings</td>
<td>Traders and Mechanics, Lowell (Mutual)</td>
<td>$2,000 00</td>
<td></td>
<td>Dec. 23, 1878.</td>
</tr>
<tr>
<td></td>
<td>Traders and Mechanics, Lowell (Stock)</td>
<td>2,075 00</td>
<td></td>
<td>Sept. 30, 1881.</td>
</tr>
<tr>
<td></td>
<td>Aetna Insurance Company, Hartford, Conn.</td>
<td>3,000 00</td>
<td></td>
<td>Sept. 5, 1881.</td>
</tr>
<tr>
<td></td>
<td>Home Insurance Company, New York</td>
<td>3,000 00</td>
<td>$10,075 00</td>
<td>March 1, 1882.</td>
</tr>
<tr>
<td>East School-house and Out-building</td>
<td>North America, Philadelphia</td>
<td>2,000 00</td>
<td></td>
<td>Sept. 1, 1882.</td>
</tr>
<tr>
<td></td>
<td>Aetna Insurance Company, Hartford, Conn.</td>
<td>2,000 00</td>
<td></td>
<td>Sept. 1, 1882.</td>
</tr>
<tr>
<td></td>
<td>Home Insurance Company, New York</td>
<td>2,700 00</td>
<td></td>
<td>Sept. 5, 1881.</td>
</tr>
<tr>
<td></td>
<td>Traders and Mechanics Mutual</td>
<td>2,125 00</td>
<td></td>
<td>Dec. 20, 1878.</td>
</tr>
<tr>
<td>West School-house, Out-building and Furniture</td>
<td>Traders and Mechanics, Lowell</td>
<td>3,000 00</td>
<td></td>
<td>Sept. 11, 1881.</td>
</tr>
<tr>
<td></td>
<td>Home Insurance Company, New York</td>
<td>3,075 00</td>
<td></td>
<td>Sept. 5, 1881.</td>
</tr>
<tr>
<td></td>
<td>Aetna Insurance Company, Hartford, Conn.</td>
<td>4,000 00</td>
<td>$10,075 00</td>
<td>Aug. 1, 1878.</td>
</tr>
<tr>
<td>New West School-house</td>
<td>Aetna Insurance Company, Hartford, Conn.</td>
<td>2,000 00</td>
<td></td>
<td>July 10, 1879.</td>
</tr>
<tr>
<td></td>
<td>Home Insurance Company, New York</td>
<td>2,000 00</td>
<td></td>
<td>July 16, 1882.</td>
</tr>
<tr>
<td>South School-house, Furniture, and Out-buildings</td>
<td>Royal Insurance Company of Liverpool</td>
<td>3,000 00</td>
<td>$4,075 00</td>
<td>Nov. 20, 1882.</td>
</tr>
<tr>
<td></td>
<td>Traders and Mechanics, Lowell</td>
<td>3,000 00</td>
<td></td>
<td>Sept. 11, 1881.</td>
</tr>
<tr>
<td></td>
<td>Home Insurance Company, New York</td>
<td>3,075 00</td>
<td>$9,075 00</td>
<td>Sept. 3, 1881.</td>
</tr>
<tr>
<td>Books in the Free Public Library</td>
<td>North America Insurance Company, Philadelphia</td>
<td>2,000 00</td>
<td></td>
<td>Feb. 1, 1883.</td>
</tr>
<tr>
<td></td>
<td>Aetna Insurance Company, Hartford, Conn.</td>
<td>2,000 00</td>
<td></td>
<td>Nov. 11, 1878.</td>
</tr>
<tr>
<td></td>
<td>Merchants Insurance Company, Providence, R. I.</td>
<td>2,000 00</td>
<td></td>
<td>Feb. 27, 1880.</td>
</tr>
<tr>
<td></td>
<td>British America Insurance Company, Toronto</td>
<td>2,000 00</td>
<td></td>
<td>Feb. 27, 1880.</td>
</tr>
<tr>
<td></td>
<td>North British and Mercantile Insurance Company</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### Schedule and Valuation of Town Property

<table>
<thead>
<tr>
<th>Description and Location</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Scottish Commercial Insurance Company</td>
<td>2,000 00</td>
</tr>
<tr>
<td>Royal Insurance Company, Liverpool</td>
<td>300 00</td>
</tr>
<tr>
<td>Royal Insurance Company, Liverpool, England</td>
<td>11,000 00</td>
</tr>
<tr>
<td>Home Insurance Company, New York</td>
<td>3,000 00</td>
</tr>
<tr>
<td>Liverpool, London, and Globe</td>
<td>3,000 00</td>
</tr>
<tr>
<td>Traders and Mechanics, Lowell</td>
<td>3,000 00</td>
</tr>
<tr>
<td>Aetna Insurance Company, Hartford</td>
<td>1,000 00</td>
</tr>
<tr>
<td>Aetna Insurance Company, Hartford</td>
<td>3,000 00</td>
</tr>
<tr>
<td>Faneuil Hall Insurance Company, Boston</td>
<td>1,000 00</td>
</tr>
<tr>
<td>Aetna Insurance Company, Hartford, Conn</td>
<td>2,500 00</td>
</tr>
<tr>
<td>Traders and Mechanics, Lowell</td>
<td>1,500 00</td>
</tr>
<tr>
<td>Home Insurance Company, New York</td>
<td>1,000 00</td>
</tr>
<tr>
<td>Traders and Mechanics Mutual</td>
<td>1,000 00</td>
</tr>
<tr>
<td>North America, Philadelphia</td>
<td>1,000 00</td>
</tr>
<tr>
<td>Scottish Commercial Insurance Company</td>
<td>2,500 00</td>
</tr>
<tr>
<td>North America Insurance Company, Philadelphia</td>
<td>2,000 00</td>
</tr>
<tr>
<td>Home Insurance Company, New York</td>
<td>5,000 00</td>
</tr>
<tr>
<td>Royal Insurance Company of Liverpool</td>
<td>5,000 00</td>
</tr>
<tr>
<td>Weymouth and Braintree Mutual</td>
<td>2,000 00</td>
</tr>
<tr>
<td>Aetna Insurance Company, Hartford, Conn</td>
<td>5,000 00</td>
</tr>
<tr>
<td>Liverpool and London and Globe</td>
<td>3,000 00</td>
</tr>
<tr>
<td>North British and Mercantile Insurance Company</td>
<td>5,000 00</td>
</tr>
<tr>
<td>Traders and Mechanics, Lowell</td>
<td>2,375 00</td>
</tr>
</tbody>
</table>

**Total Amount:** 118,075 00
### Synopsis of Valuation and Taxation on Watertown from 1820 (5 years' interval) to 1870, and also including 1871, 1872, 1873, and 1874.

<table>
<thead>
<tr>
<th>Date</th>
<th>Polls</th>
<th>Tax on Polls. Each</th>
<th>Valuation.</th>
<th>TAX.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Town and Counties.</td>
</tr>
<tr>
<td>1820</td>
<td>376</td>
<td>$1 60</td>
<td>$499,967 00</td>
<td>Counties.</td>
</tr>
<tr>
<td>1825</td>
<td>423</td>
<td>1 45</td>
<td>521,466 00</td>
<td>$3,073 98</td>
</tr>
<tr>
<td>1830</td>
<td>422</td>
<td>1 85</td>
<td>517,617 00</td>
<td>$3,649 16</td>
</tr>
<tr>
<td>1835</td>
<td>435</td>
<td>1 50</td>
<td>904,220 00</td>
<td>$3,460 00</td>
</tr>
<tr>
<td>1840</td>
<td>529</td>
<td>1 40</td>
<td>1,462,750 00</td>
<td>$3,700 00</td>
</tr>
<tr>
<td>1845</td>
<td>537</td>
<td>1 50</td>
<td>2,133,617 00</td>
<td>$5,800 00</td>
</tr>
<tr>
<td>1850</td>
<td>731</td>
<td>1 50</td>
<td>2,614,100 00</td>
<td>$9,325 00</td>
</tr>
<tr>
<td>1855</td>
<td>822</td>
<td>1 50</td>
<td>3,558,700 00</td>
<td>$18,750 00</td>
</tr>
<tr>
<td>1860</td>
<td>769</td>
<td>1 50</td>
<td>2,597,800 00</td>
<td>$16,490 00</td>
</tr>
<tr>
<td>1865</td>
<td>853</td>
<td>2 00</td>
<td>2,950,732 00</td>
<td>$27,800 00</td>
</tr>
<tr>
<td>1870</td>
<td>1,040</td>
<td>2 00</td>
<td>4,165,080 00</td>
<td>$48,400 00</td>
</tr>
<tr>
<td>1871</td>
<td>1,150</td>
<td>2 00</td>
<td>5,598,140 00</td>
<td>$48,400 00</td>
</tr>
<tr>
<td>1872</td>
<td>1,170</td>
<td>2 00</td>
<td>6,772,110 00</td>
<td>$61,586 00</td>
</tr>
<tr>
<td>1873</td>
<td>1,293</td>
<td>2 00</td>
<td>7,632,590 00</td>
<td>$68,635 00</td>
</tr>
<tr>
<td>1874</td>
<td>1,285</td>
<td>2 00</td>
<td>8,041,910 00</td>
<td>$82,961 22</td>
</tr>
<tr>
<td>1875</td>
<td>1,360</td>
<td>2 00</td>
<td>7,999,920 00</td>
<td>$100,457 35</td>
</tr>
<tr>
<td>1876</td>
<td>1,347</td>
<td>2 00</td>
<td>7,766,170 00</td>
<td>$96,311 67</td>
</tr>
<tr>
<td>1877</td>
<td>1,332</td>
<td>2 00</td>
<td>7,446,450 00</td>
<td>$71,516 47</td>
</tr>
</tbody>
</table>

* Belmont was incorporated in 1860.
WARRANT FOR TOWN MEETING.

To Ezrum V. Howard, a Constable of the Town of Watertown, Greeting: —

In the name of the Commonwealth of Massachusetts you are hereby required to notify and warn the legal voters of Watertown to meet in the Town Hall on Monday, the 4th day of March next, ensuing, at 9 o’clock, A.M., to act upon the following Articles, viz.:

ARTICLE 1. To choose a Moderator for said meeting.

ART. 2. To choose all necessary town officers for the ensuing year.

ART. 3. To hear the reports of the town officers, and of committees heretofore appointed, and act thereon.

ART. 4. To grant such sums of money as may be thought necessary for the uses and expenses of the town for the ensuing year, and for paying a portion of the town debt, direct how the same shall be raised, and act thereon.

ART. 5. To see what method the town will adopt for the collection of taxes for the ensuing year, choose a collector of taxes, and act thereon.

ART. 6. To see if the town will adopt the jury-list, as submitted by the selectmen, or act thereon.

ART. 7. To see if the town will authorize the town treasurer to borrow, on the credit and behalf of the town, under the direction of the selectmen, such sums as may be necessary for the use of the town, not exceeding $50,000, in anticipation of the taxes, or act thereon.

ART. 8. To see if the town will grant the sum of $200
to Isaac B. Patten Post No. 81, G.A.R., for the purpose of assisting the Post in defraying the expenses of decorating the graves of the deceased soldiers on the next Decoration Day, direct how the same shall be raised, or act thereon.

Art. 9. To see what action the town will take with reference to watering the streets, grant money for that purpose, direct how the same shall be raised, or act thereon.

Art. 10. To see if the town will authorize the purchase of a gravel lot or lots for the use of the Highway Department, appropriate money for the same, or act anything thereon.

Art. 11. To see if the town will elect one Surveyor of Highways instead of three as formerly, or act thereon.

Art. 12. To see if the town will purchase additional hose for the use of the Fire Department, grant money for the same, or act thereon.

Art. 13. To see if the town will adopt the seal now in use, as the town seal, or act anything thereon.

Art. 14. To see if the town will construct additional Reservoirs for the use of the Fire Department, grant money for the same, or act anything thereon.

And you are required to notify and warn the legal voters aforesaid, by leaving at every inhabited house in the town a printed notice containing all the articles to be acted upon, and also by posting up two or more such printed notices in conspicuous public places in the town, seven days at least previous to the time of such meeting.

Hereof fail not, and make return of this warrant with your doings thereon, to us the subscribers, or before the time of said meeting.

Given under our hands at Watertown, this twelfth day of February, A.D. 1878.

OLIVER SHAW,  
SAMUEL WALKER,  
JAMES W. MAGEE,  

Selectmen of  
Watertown.
A LIST OF JURYMEN,

As prepared by the Selectmen, Feb. 7, 1878, to be passed upon at the Annual March Meeting.

Allen, E. E.,
Barker, J. G.,
Bent, Luther,
Berry, Frank,
Blaisdell, James T.,
Bowen, George S.,
Brigham, Charles,
Brooks, Rufus F.,
Burnham, Charles H.,
Burns, Jos. H.,
Coombs, S. H.,
Cummings, F. T.,
Crocker, W. H.,
Critchett, James H.,
Dadamun, W. H.,
Dow, Benjamin H.,
Drake, Nathan,
Davenport, Albert M.,
Edwards, Wm.,
Farwell, William E.,
Fowkes, Jesse,
Flint, D. B.,
Gardner, Chas. B.,
Gavan, Thos.,
Groce, Byron,
Hall, John,
Haynes, Alberto F.,
Howes, Samuel C.,
Howard, William C.,
Jackson, Charles F.,
Kendall, Francis,

King, William S.,
Learned, Henry J.,
Learned, Samuel,
Locke, Henry W.,
Lynch, James F.,
McLauthlin, Joseph L.,
March, Stillman P.,
Noyes, George L.,
Otis, H. W.,
Peirce, George,
Pierce, Benj. H.,
Perkins, Frank H.,
Perkins, William,
Priest, David H.,
Penderghast, P. B.,
Rogers, Artemus B.,
Rosebrook, Alvin E.,
Sherman, William,
Shipton, Ambrose J.,
Sleeper, George H.,
Sprague, Chester,
Stone, Joshua C.,
Stone, Joseph H.,
Tainter, Daniel A.,
Tainter, George,
Tucker, John,
West, Thomas P.,
Whitney, Hiram,
Wiswell, Henry M.,
Woodward, J. B.

Published by order of the Selectmen.

TILDEN G. ABBOTT,

Town Clerk.
THE

FORTIETH ANNUAL REPORT

OF THE

SCHOOL COMMITTEE

OF

WATERTOWN,

FOR 1878-79.

BOSTON:
ROCKWELL AND CHURCHILL, PRINTERS,
NO. 39 ARCH STREET.
1878.
Watertown, Feb. 14, 1878.

In School Committee, Voted, That the Annual Report of the School Committee, as presented by the Chairman, be adopted.

Attest: M. M. GREEN, Secretary.
REPORT.

The School Committee are required to make an annual report, which shall be printed.\footnote{Gen. Statutes, Chap. 40, Sect. 6.} They submit the following:

At the town meeting, in March, 1877, there were four vacancies in the School Committee to be filled, only two members holding over from the year previous.

T. W. Bishop (whose term expires in 1879),
Jesse F. Wheeler (whose term expires in 1880),
J. F. Lovering (whose term expires in 1878),
Chas. Brigham (resigned),

were elected to fill the vacancies, the last-named being the only one who had ever served the town on the School Committee.

The other members of the committee were:

Rev. M. M. Green (whose term expires in 1879),
Mr. John Murray (whose term expires in 1880).

At the first regular meeting of the Board, J. F. Lovering was chosen chairman, and Rev. M. M. Green secretary.

Sub-committees were appointed as follows:
SCHOOL REPORT.

HIGH SCHOOL.
J. F. Lovering, Chairman,
Charles Brigham, T. W. Bishop.

SOUTH DISTRICT.
John Murray, Chairman,

EAST DISTRICT.
J. F. Wheeler, Chairman,
M. M. Green, John Murray.

WEST DISTRICT.
M. M. Green, Chairman,
T. W. Bishop, Charles Brigham.

CENTRE DISTRICT.
T. W. Bishop, Chairman,

FINANCE COMMITTEE.
John Murray, Chairman,

COMMITTEE ON DRAWING.
Charles Brigham, Chairman, M. M. Green.

Mr. Brigham resigned June 21, 1877. The vacancy thus created was filled, Jan. 17, 1878, by the election of Charles F. Fitz.

Soon after the organization of the committee, the chairman called attention to the fact that from time to time the school affairs had been subject to sharp criticism; the substance of such criticism being that the town received no adequate return for the money appropriated and expended for schools,—the committee neglecting their duty, the teachers being in-
SCHOOL REPORT.

competent, and the children making no suitable progress in their studies. He also called attention to the fact, that the majority of the Board were presumably unacquainted with the truth or falsity of such statements; and that, so far as the teachers were concerned, the law required the committee to be satisfied of their qualifications. He therefore recommended that a circular-letter be issued, inviting all teachers desiring to retain their positions in the schools, to make application for the same, with the understanding that those making application should pass an examination such as the law of the Commonwealth contemplated. All made application but one. Three of the applicants did not pass a satisfactory examination; and the committee were so much in doubt as to eight others that they were retained in the school as new teachers, on probation, under a regulation adopted by previous committees, with the understanding that, at the close of said probation, they would be required to pass another examination.

The vacancies created in the schools were filled by the election, after examination, of Prof. Selah Howell as master of the High School; Mr. E. F. Thomas, master of the East Grammar School; Miss M. P. Turner, teacher of the Centre Primary No. 2; Miss M. J. Bancroft, teacher of the West Intermediate.

Another vacancy—that in the West Grammar School, in which the committee decided, after a careful review of all the facts in the case, there should be a male teacher—was filled by the examination and

1 Gen. Statutes, Chap. 38, Sect. 23.
election of Mr. John S. Flagg, who served, on probation, one term, and then resigned. Mr. George W. Andrew, favorably known from his former services in town as a successful teacher and disciplinarian, was chosen master of the school. All the teachers on probation, except one who voluntarily resigned her school, were examined at the close of the fall term, and were approved by a majority of the committee.

Previously to this examination, the committee authorized an examination of candidates to fill a list of six substitutes, from which teachers should be selected in order of rank, to fill any vacancies that might occur in any of the schools, from sickness, resignation, or any other cause. Nine candidates were examined. Five only passed with approval, viz.:—

Miss Joanna M. Riley, Watertown.
Miss Blanche Newman, Saxonville.
Miss Carrie E. Silloway, Canton.
Miss Mary A. McCarty, Waltham.
Miss Minnie B. Boardman, Natick.

TRUANT OFFICERS.

In compliance with the law,¹ two truant officers were appointed,—Mr. Nathaniel Gee and Mr. Richard Newman. Mr. Newman’s duties have been merely nominal. Mr. Gee has done good service as officer and as messenger; and it is only just to add that, as janitor of the High, Centre, South, and West Schools, he has earned, over and above any question of wages, the cordial thanks of the committee.

¹ Statute Laws; Chap. 262, Sect. 2.
They take pleasure in commending his faithfulness.

W. P. S. A.

In order to have a common ground for the interchange of views about school affairs, the committee, in conjunction with the teachers, formed what is known as "The Watertown Public School Association." It has had, during the fall and winter, private monthly meetings, when such topics as the study of geography, the ranking of children, the study of arithmetic, the Primary School, with special reference to the Kindergarten system, have been discussed. The Association has also had free public meetings in the Town Hall, the use of which was granted by the selectmen, to whom the School Committee desire to express their sincere thanks. At these meetings addresses were delivered by gentlemen thoroughly conversant with the subject announced. Prof. B. F. Bradbury, of Cambridge, gave a lecture on the Metric System, which was still further illustrated by Mr. Geo. S. Turner and a volunteer class from his school,—the Centre Grammar.

Prof. Walter Smith, Director of Art for this State, delivered a popular lecture on Industrial Art, which was listened to with much interest.

Mr. John Kneeland, formerly agent of the State Board of Education, gave "A Practical Talk on School Work." It was well received and abounded in valuable suggestions and instructive information.

Another lecture has been prepared by Dr. L. A. Phillips, on "Physiology in Schools," at the request of the Association.
It is confidently expected that the Association will prove an important auxiliary in promoting the cause of education in this town.

GENERAL MATTERS.

The committee, in assuming charge of the schools, had their attention called to the salaries of the teachers. The comparison was instituted between this town and other towns about Boston. It was at last decided that there ought to be a reduction of about 10 per cent. It was a disagreeable and thankless task, but one whose performance seemed to be demanded as a duty to the town.

Attention was also called to the neglect of instruction in writing in the schools. It was believed that even the youngest children should make a beginning in this art. The Duntonian system of writing was therefore introduced as the simplest and best, the teachers being instructed at first by a competent master from Boston. The consequent improvement throughout all the schools is very considerable. It fully justifies the action of the committee.

Charts of the Metric System, with a full cabinet of weights and measures for the High School, and partial sets for the Grammar Schools, have been introduced with good results.

Music charts have also been procured. They must prove a great help to teachers and pupils, and save much valuable time for the music-master.

Two pianos have been purchased, one for the West Grammar School, the other for the East Grammar
School; the committee deeming it unwise to pay a rental of $80 a year when satisfactory instruments could be bought for $150 apiece.

**SCHOOL BUILDINGS.**

During the year very necessary repairs have been made. All the school-houses, excepting the High School and Ætna Mills, have been painted, the fences about them also mended and painted. The floor of the Centre Grammar School has been relaid, and a partition, having wide doors, built so that the rooms could be thrown substantially into one for general exercises and separated for class purposes. This arrangement saves the town $475 annually, as it makes it unnecessary to have more than one assistant teacher:

The work done has not only improved the condition of the buildings, but will prevent any very extensive repairs for two or more years.

One item of expense was unexpected and unavoidable, viz., the repairing, at a cost of about $100, of one of the furnaces in the West Grammar School building. There are at present in that building three furnaces; two are in poor condition, and the third, notwithstanding the repairs made, is unsatisfactory. The rooms are not always properly warmed, and yet a great amount of coal is burned. The committee recommend that the three furnaces be removed and that a steam-heating apparatus be set up. The outlay necessary is by no means considerable when it is considered how much saving of fuel there will be and how much additional comfort to the schools. It is
estimated that the change could be made within the appropriation asked for, that is to say, $1,500.

In referring more directly and particularly to

OUR PUBLIC SCHOOLS,

the committee have no wish to enter into any discussion of the need of education. That is conceded in these days. It is recognized to be, as Goethe calls it, "the liberation of humanity." There is, to be sure, a class of men who say that the worth of education has been overrated. It is a class, to a greater or less extent, common to all communities. It is composed, not of ignorant men, but of uneducated men,—men who, despite their lack of education, have succeeded. They call themselves practical men; and, so far as they are able, criticise the methods and results of education as unpractical and vicious. They have been satirized by Dickens, in his story of "Hard Times," under the name of Thomas Gradgrind. An educated man knows the value of practical ability, but the man of practical ability does not always confess the value of education.

It would be well for any such to consider that the prosperity and influence of New England, and especially of this State, depend upon New England culture. New England cannot be left out in the cold, because New England, more than any other section of the country, represents the brain-power of the nation. It may be well, also, in this connection, to recall the language of Daniel Webster:¹ "In my opinion the instruction communicated in

¹ Letter to Hon. Mr. Twistleton, England.
the free schools of New England has a direct effect for good on the morals of youth. It represses vicious inclinations, it inspires love of character, and it awakens honorable aspirations. In short, I have no conception of any manner in which the popular republican institutions under which we live could possibly be preserved if early education were not freely furnished to all, by public law, in such forms that all shall gladly avail themselves of it."

The committee have no wish to under-estimate the profession of teaching. They believe it to be most honorable when those who assume its honors are competent to perform its duties. They accept, without reserve, the statement of Sir Wm. Hamilton, that "instruction is the most important and most difficult of arts." So important do they regard it, that they are unwilling to commend, without exception, all the teachers employed in the schools, while, at the same time, they refuse to make any invidious comparisons; yet no fear of adverse criticism can deter them from not praising where praise is undeserved. Praise without discrimination is rarely truthful, and is never of any consequence. No class in any trade or profession has reached, in the person of every member, a level tableland of excellence. Those composing the teaching force in the schools are no exceptions. Some in one thing, and some in another, need to acquire more knowledge; some in one respect, and some in another, need more facility—a better skill, in imparting knowledge. The committee have no disposition to be unjust to any one. They are agreed that the teachers are more interested in their work, and better prepared for their work, than they were one year ago.
Yet they are also agreed, that some of those who have had no special training in the method or discipline of teaching, and whose attainments by study are not without question, would be greatly benefited by availing themselves of the advantages offered in the Training School in Boston, or by the courses of lectures on educational matters which are from time to time delivered in that city. If the highest standard for our schools is to be attained,—and, in justice to all concerned, it should be said, that they have all, with hardly an exception, improved within the last year twenty-five per cent.,,—it must be in part by some such way as this. Some teachers have recognized this necessity,—some of our best teachers. They have formed themselves into classes, or they have attended weekly lectures and courses of instruction. Every such indication of interest in a profession, which rightly claims the highest rank, cannot be too greatly commended.

The committee, in judging the work of the teacher or the condition of the schools, have no wish to ignore or disparage the inevitable difficulties which arise from the natural temperament and capacity of children. It is no inconsiderable part of the work to be done by those engaged in the art of instruction to study such temperament and to apportion the amount of study to be done to the ability of the average scholar, so that neither too much nor too little may be demanded. Although it seems necessary that there should be a course of instruction arranged for each grade of school, the committee are of the opinion, nevertheless, that it must not be in the nature of an
"iron-clad" law. The brightest and most intelligent should be encouraged to make as rapid advance as is profitable, while the average standard required should be within the reach of the scholar of ordinary ability.

"I do not hesitate to maintain," says Spurzheim, 1 that education must fail, as long as we continue to think that children are born alike, and may receive, with equal advantage, every kind of education." To the same effect, with as vigorous thought of the importance of education as any modern writer expresses, Plutarch, in his treatise "On the training of children," 2 says, "As in husbandry, it is first requisite that the soil be fertile, next that the husbandman be skilful, and, lastly, that the seed he sows be good; so here nature resembles the soil, the instructor of youth the husbandman, and the rational principles and precepts which are taught, the seed.

Yet, if any one thinks that those in whom nature hath not thoroughly done her part may not in some measure make up her defects, if they be so happy as to light upon good teaching, and withal apply their own industry towards the attainment of virtue, he is to know that he is very much, nay, altogether mistaken. For as good natural capacity may be impaired by slothfulness, so dull and heavy natural parts may be improved by instruction."

The first schools that deserve attention are the

PRIMEY SCHOOLS.

The committee are agreed that the Primary Schools are second to none in importance. They would be glad to have them under the charge of the most competent teachers,—those who are best in temper and best in culture. For the Primary-School teacher has a special responsibility, that of making the first impressions, aside from all home influences, upon the mind and the moral nature of the child; and, if it be true, as has been said, "that the seed of first instructions are dropped into the deepest furrows," then this responsibility is of the gravest moment. One of our most successful Grammar masters, Mr. Geo. S. Turner, in discussing the qualifications of teachers, said to me in effect: "While I would emphasize in a Primary teacher a kindly sympathy with the children, and an aptness to teach, I would insist quite as much upon their being fully able to teach the highest class in a Grammar School. Breadth of culture is just as important, if not more important, in a Primary School, as in an Intermediate or Grammar School."

There are in town seven Primary Schools. At Aetna Mills the school had been under the charge of Miss Lottie M. Bemis until the close of the fall term, when she voluntarily resigned her position. Notwithstanding her resignation, it may not be out of place to say that the chairman finds this memorandum made after a visit to her school: "Miss Bemis appears to have her school under good discipline; without being severe, she is firm. I think she promises to
be one of our best teachers in her present grade of school." During the winter term the school has been put in charge of Miss Mannie B. Patten. She has introduced into this school, taking the hint from Centre Primary No. 2, the word method of teaching reading in contradistinction to the A B C method. If her success in the West Primary No. 2 is any criterion by which to judge, there is no doubt she will deserve the commendation of the committee. The chairman has visited this school eleven times.

*West Primary No. 2* is under the care of Miss H. Maria Tucker, who, until the winter term, had been in charge of the Centre Primary No. 1. This school is very interesting. The children are bright, quick, and, for such little folk, orderly. The chairman has visited this school twenty-two times.

*West Primary No. 1.*—The school is in charge of Miss Bertha M. Whitney. The chairman has visited this school twenty-three times, and has uniformly found the teacher carefully attentive to the ordinary business of the school, and the children orderly and obedient.

The *South Primary School* is under the care of Miss Nellie E. Williams. Miss Williams labors under the disadvantage of having in her school the third intermediate class. She has excited quite an interest in the study of geography in her first class. The chairman has visited this school fourteen times.

*Centre Primary No. 2.*—Miss M. T. Turner, teacher. This school deserves special mention. It has been a large school, numbering at one time eighty. The order has been excellent; not the order of utter
stillness, but of subdued harmony. Chas. Kingsley says,¹ "The school-mistress who enforces silence on her pupils is committing, unintentionally no doubt, but still committing, an offence against reason, worthy only of a convent." This school-mistress has no such offence to be charged against her. She has had good success, and it may be explained by two facts:—

In the first place the children are not wearied by any long-continued monotony. They are taught to study — actually to study — for five or ten minutes; then to sing a song; then to perform some simple physical exercise, and then to attend to some recitation. The change is a relief, and their interest in any one thing does not flag.

Then, again, they have intelligent employment. By permission of the committee certain Kindergarten methods have been introduced. The children are thereby interested as they are instructed; they are amused while they are learning. It should be added that, to a considerable extent, what is true of this school is true of one or two others also, where light fancy work, sewing, and simple ornamental work, have been taken up. The chairman has visited this school twenty-five times.

Centre Primary No. 1. — This school is now under the direction of Miss Mary D. Patten. Miss H. Maria Tucker had charge of the school until the beginning of the winter term, and succeeded in awakening quite a home feeling among the children, so that they became much interested in decorating the school-room

¹ Health and Education, pp. 43, 44.
with evergreens, and with pictures framed by themselves. Miss Tucker should have credit for this, also for her success in leading the school in their singing exercises. The chairman has visited this school twenty-four times.

The East Primary and Intermediate School is under the charge of Miss Sarah F. Coolidge. The school is to be commended for the good attendance, and especially for its good order and good reading. The chairman has visited this school eleven times.

There are four separate Intermediate Schools: —

The West Intermediate is under the charge of Miss M. J. Bancroft. Notwithstanding this school has gained very much in habits of study and general behavior, it is not what it should be and might be in both respects. It ought to be said, however, in justice to the teacher, who was highest on the list of those who passed the examination of applicants last summer, that, while the other Intermediate Schools have only one class, this has three. There is consequently more confusion in studies, and it is impossible for the teacher to give as close and continuous attention to any one class as it would have if it formed a school by itself. The chairman has visited this school twenty-eight times.

In the Centre District are three Intermediate Schools: —

Centre Intermediate No. 3 is under the charge of Miss Alice T. Norcross. The committee would especially commend this school for proficiency in writing and drawing. The chairman has visited the school twenty-one times.
In the Centre Intermediate No. 2, until the beginning of the winter term, Miss Mary D. Patten has been the teacher. The school was in good condition at the close of the fall term, and is in good condition this term. It is now under the charge of Miss Etta B. Dadmun. The chairman has visited this school twenty-two times.

The Centre Intermediate No. 1, has been under the charge of Miss Etta B. Dadmun until the present winter term. At the beginning of the year there was a trial of about a month who should run the school. The boys and girls were good boys and girls, but full of rollicking fun and mischief. The quiet woman was equal to a drill-master, and no school, when she left it, was under better discipline. Nor was this teacher satisfied with mere military precision in moving in and out of the school-room; she paid attention—better attention than is paid in any school of the intermediate grade—to posture in study. Her drill, also, was seen in the various studies. The map-drawing was excellent. A map of Massachusetts, for instance, with counties correctly defined, was drawn with an accuracy which would have been creditable to any candidate for the High School. In her present school Miss Dadmun has done away with concert recitation, which is a great improvement. There is decided saving of strength on the part of the children, which is desirable, even though a little shouting may be good for the lungs. Besides, on the whole, it is better for a visitor to give closer attention, if necessary, so as to hear what is going on, rather than to leave with such a sensation in his
head that he can hardly help wishing he had been born deaf. The school is now under the care of Miss Hattie B. Crafts, whose experience in teaching and general qualifications are such that there is reason to expect it will continue to deserve the favorable consideration of the committee. The chairman has visited this school twenty-two times.

GRAMMAR SCHOOLS.

There are four Grammar Schools, viz.; the East, West, South, and Centre.

The East Grammar School.—Mr. E. F. Thomas was placed in charge of the school in September. He had had no experience, or comparatively none, in teaching. He came to the committee with strong recommendations from the President and Professors of Harvard College. He passed a superior examination. His character is above reproach. He has improved in method of teaching, and in the disciplining of the school. Experience gives wisdom. Should his own diligence continue, and the school improve as it has done, his success will be certain. He labors under the burden, laid upon the West and South Grammar Schools, of having not only the entire care of the usual grammar classes, but also of the first intermediate class. The chairman has visited this school eleven times.

The Grammar School of the West District.—To adopt the expressive language of the last year's School Report: "Public attention has been attracted to this district in a marked degree." There has
certainly been no lack of life in its affairs. And the "web of its life," as Shakespeare has it, "is of a mingled yarn, good and ill together." There has been a fair number of dramatic situations. There have been exits and entrances. But at last it can be said, "All's well that ends well." There is no need of giving a history of it. It is fresh in the hearts of our fellow-townsmen. At the close of the school year, i.e., the year for which teachers are employed, Mr. John S. Flagg was elected master of the school on probation. For what seemed good and sufficient reasons the committee voted, at the close of the fall term, not to confirm him as master of the school. They elected, as his successor, Mr. Geo. W. Andrew, a man well equipped as a scholar, and of well-known experience as a teacher. His success thus far has been excellent. After his six weeks' service the school is more than fifty per cent. above where it was a year ago. To-day the West Grammar School, in good order and discipline, in careful attention to study, and in good sound brain in teacher and scholars promises to be equal to any grammar school in town. The chairman has visited this school twenty-nine times.

_The South Grammar School._—This school is in the charge of Miss Laura A. Gale. The attendance is not large. The order is good. The children are diligent, and making good progress in their studies. The school-room is the most home-like in town. The boys and girls have brought from their homes a large number of flowering and trailing plants, which serve to adorn the room and to give it an air of cheerful-
ness and refinement. The chairman has visited this school fourteen times.

The Centre Grammar School.—At the beginning of the year this school had a master and two assistants. The recitation rooms used by the assistants were small, inconvenient, and badly ventilated. After careful consideration the committee determined to make a change. During the summer vacation the small recitation-rooms reverted to their original use as entry-ways. The large school-room was divided into two class-rooms. Mr. Geo. S. Turner, the master, having the first and second classes, and, until the winter term, Miss Hattie B. Crafts, having the third class.

The arrangement has proved an entire success. The school, with a master and one assistant, is doing full as well as when there were two assistants. Miss Crafts was retained in school during the fall term on account of the sickness of Miss Lilla Frost, the first assistant, and performed her duties satisfactorily. Miss Frost has returned to her post with regained health, and has been cordially welcomed by the children. The committee have great confidence in her as a diligent, conscientious, and successful teacher.

Mr. Turner's classes deserve praise. They are as good a set of boys and girls as can be found in town. It is confidently expected that a large number will graduate from this school in the spring and enter the High School,—more than from all the other Grammar Schools. It should be understood, however, that in the other Grammar Schools the one teacher in each
has not only all the Grammar School classes but the
first Intermediate class. It is only a matter of justice
to the other Grammar-School teachers to make this
statement. On the other hand, it should be said
that in two respects this school is not excelled, viz.,
in arithmetic and physical exercises. The instruction
in the first is remarkably thorough, and the drill in
the last is well-nigh perfect.

The chairman has visited this school—both rooms
—forty-five times.

THE HIGH SCHOOL.

This school is the people's college. It deserves the
most thorough attention, that its needs may be fully
met, and that its standard of faithful and accurate
scholarship may not be lowered. The students of
this school are young men and young women. They
should be treated as such, and have before them, in
their teachers, a constant example of the manly
courtesy that belongs to a gentleman and the delicate
refinement that is characteristic of a lady. With all
this there should be the well-furnished brain of the
scholar and the thorough and inspiring method of the
teacher. The High School has all this in the present
Board of Instructors.

It was evident to the committee, before the close
of the spring and summer term, that certain changes
would be necessary both in the course and manner of
instruction. The teachers then in charge of the
school made valuable suggestions, some of which
have been incorporated into the school work, while
others have yielded to a better knowledge of affairs.
The master of the school declining, at the close of the summer term, to apply for the continuance of his position, a very earnest effort was made to make good his place and with entire success. Eight candidates were examined, and the undoubted superiority of one gave him the mastership of the school. The committee congratulate the teachers in having added to their number a man of large experience and exact culture, the High School in having a teacher they can esteem and respect, and the town in increasing its intelligence and character by enrolling among its citizens one so entirely worthy of its confidence as Prof. Selah Howell.

During the winter Prof. Howell delivered an instructive and interesting lecture on "The Giant of Central Europe." This was done at the suggestion of the committee, but the work and direction of affairs were assumed by the students of the High School. The receipts from the lecture enabled the school to procure some pictures for the assembly room. Aside from those thus purchased, Prof. Howell gave one, a friend of the school another, and still another was generously given by the trustees of the Young People's Literary Society. In this connection the committee would suggest to the alumni of the High School that it might be advisable, from time to time, to add casts of illustrious men and women, or photographs of historical places, or engravings of celebrated paintings, to what now help make the High School-room attractive.

Two valuable wall-maps have been procured for the school,—one of the Ancient World, by H. Kiepert; the other of Greece, by Guizot.
Others are needed. The classics cannot be studied as they should be, and most certainly history cannot without the aid of maps.

In this connection it may be well to state that the history class, while studying the history of Egypt, visited the Art Museum in Boston and made a study of the Egyptian relics there collected. The class in natural science also visited the Institute of Technology and the Museum of Natural Sciences. Classes have also, by the courtesy of Walker & Pratt Manufacturing Co., and of Hollingsworth & Whitney, visited the iron-works and the paper-mills, so that, by a personal inspection, they might have a more practical understanding of what the books taught. All these visits have been made under the care of Prof. Howell, or of Miss Crafts, or of both.

In closing this reference to the High School the committee point to it with just pride. It is an honor to the town that it has so generously provided for so excellent a school. The chairman has visited the school twenty-seven times.

NAMES OF GRADUATES IN 1877.*

In the four years' course.

First Grade, Helen Medora Towle.
Second " Harry Fletcher Morse.
Third " Emolyn Amanda Hartwell.
" " Thomas Joseph Hughes.

In the three years' course.

First Grade, William Patten.
" " James Lewis Blaisdell (out of course).

* The name of Alice J. Tourtellotte should have been in the list of four-years graduates in the last School Report.
<table>
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<tr>
<th>Year</th>
<th>Term</th>
<th>English Language</th>
<th>Natural Science</th>
<th>History</th>
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<td>Geology, 3</td>
<td>4 Arithmetic, 4</td>
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<td>Rome, 4</td>
<td>4 Polit. Economy, 4</td>
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* The figures set against a study denote the number of weekly recitations.

** Scholars fitting for college take those studies required for examination at Harvard, and as many others as the master judges can be pursued to advantage.

Latin or German must be studied the first two years.

N.B. This course is subject to such modifications as the Sub-committee on the High School may think necessary.
MUSIC AND DRAWING.

Music is taught in all the schools by Mr. Chas. E. Whiting, excepting the High School, where instruction is given by the master. Considering the short time he has had charge of the schools, Mr. Whiting has had a good degree of success.

More than usual attention is given to drawing, which is faithfully taught by Miss Emma H. McLauthlin, whom the committee cheerfully commend. It is expected that specimens of work done under her instruction will be sent to the next annual State exhibition of school-drawings.

EVENING SCHOOL.

This school has been in operation nearly four months. By permission of the Selectmen it holds its sessions — two a week — in the upper Town Hall. The attendance has averaged thirty-eight. Mr. Geo. W. Andrew has had charge of the school, with Miss Joanna M. Riley as assistant. Miss. Riley has taught in several schools, as a substitute, to the satisfaction of the committee. Special attention has been given to book-keeping, and with favorable results. It is hoped that the school, which closes in March, may resume its sessions in the fall, and that there may then be connected with it a class in industrial drawing, in which those who have already intimated their desire for such instruction may receive help.

NUMBER OF CHILDREN IN TOWN.

The assessors for 1877 return 850 children in town, between five and fifteen years of age.
VISITS.

Number of visits to the schools by the committee 564
Number of visits to the schools by other persons 474

RECOMMENDATIONS.

The majority of the committee recommend,—

1. That a strip of land, north-east of the Centre Grammar School, three rods wide, and the length of the school lot, be purchased for the use of the school, the present yard being too limited for the number of children using it.

2. That the land north of the High School premises, running from Common to Marshal street, and from the school lot to Spring street, be purchased for the use of the school as a play-ground.

3. That the committee be authorized to elect and employ a Superintendent of Schools at a salary not to exceed dollars.

4. That the committee be required to ascertain whether it would not be for the interests of the town to use for Grammar School purposes one central building, and to report in full at the next annual Town meeting.

There is one other school which ought to be mentioned. The committee have nothing to do with recruiting its numbers or in controlling its methods. It is the
STREET SCHOOL.

It is a school that should be closed. The parents of children and the friends of public morals should have it closed. From it graduate loungers and loafers and tramps. They congregate near the Post Office and opposite. They hold themselves up on the Main-street railroad bridge. Sometimes they take lodging in the police-station. The committee have tried to decrease such street school, so far as its day session is concerned, by a truant officer, who can keep unruly children out of the streets, and, so far as its evening session is concerned, by an evening school, in which those who wish can come under wholesome influences and be helped by those who accept the school as a means of improvement.

The great need is, however, for a more active public sentiment in this direction, and it is of sufficient importance to have attention called to it in this way. For a good education must be moral as well as intellectual. Character and intelligence are the best police force for a community, and the best safeguards for the State.
NAMES OF SCHOLARS NEITHER ABSENT NOR TARDY DURING THE YEAR.

High School.

Henry H. Morse.  
James E. Norcross.  
Alfred E. Turner.  
Daniel James.  
Harry W. Priest.  
Walter P. Snow.

Lizzie R. Kinsman.  
Jennie L. Kinsman.  
Ella S. Green.  
Nellie E. Edgecomb.  
Ruth W. Howard.  
Maggie G. Riley.  
Kitty L. Stone.  
Mabel W. Russell.

Centre Grammar.

Frank Stevens.  
Ed. Dadmun.  
Willie Cox.  
Wallace McLouthlin.  
Michael Carroll.

Mary Gaven.  
Annie Fitzsimons.  
Laura Green.  
Lizzie O'Halloran.

East Grammar.

None.

West Grammar.

George S. Parker.  
Kate Sullivan.

South Grammar.

Richard James.  
Frank J. Burns.

Hattie A. Holt.  
Mary C. Tupper.
Centre Intermediate No. 1.
Arthur Teel.  Dora Dadmun.

Centre Intermediate No. 2.
Charles York.  Mary O'Halloran.
Mabel Pratt.

Centre Intermediate No. 3.
None.

West Intermediate.
Henry Howard.  Mary Sullivan.
Theodore Robinson.  Mary Phelan.
               Emma Fletcher.
               Ruth Robinson.

East Intermediate and Primary.
Thomas Stanley.  Bertie McDonald.
               Jennie Newman.

South Primary.
None.

Centre Primary No. 1.
John Madden.  Flora Emerson.
Ralph Emerson.  Julia York.

Centre Primary No. 2.
None.
West Primary No. 1.
George Howard. Lizzie Bradley. 
Kate Morris (Absent one half day). Alice Phelan (Absent one half day).

West Primary No. 2.
Cornelius Coffee. Effie Howard. 
George McWhirter (Tardy once). Lizzie McWhirter 
John Cochran (Absent once). (Absent one half day, tardy once). 
Frank Sullivan (Tardy, but not absent).

Ætna Mills. 
None.

SCHOOL BOOKS. 
The schools have the following number of books charged against them: —

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<th>School</th>
<th>No. of Books</th>
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<tr>
<td>West &quot; 1</td>
<td>175</td>
</tr>
<tr>
<td>&quot;</td>
<td>2</td>
</tr>
<tr>
<td>Ætna Mills Primary</td>
<td>136</td>
</tr>
</tbody>
</table>
This number of books includes writing-books introduced into all schools excepting the High School, drawing-books, music-readers, full set of U. S. History in Grammar Schools, and History of England in High School. A large number of books, also, like Worcester's primers, are not in use.

## Teachers and their Salaries.

<table>
<thead>
<tr>
<th>School</th>
<th>Teacher</th>
<th>Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>High</td>
<td>Prof. Selah Howell</td>
<td>$1,700</td>
</tr>
<tr>
<td>&quot;</td>
<td>Ellen M. Crafts</td>
<td>700</td>
</tr>
<tr>
<td>East Grammar</td>
<td>E. F. Thomas</td>
<td>1,000</td>
</tr>
<tr>
<td>&quot; Primary</td>
<td>Sarah F. Coolidge</td>
<td>475</td>
</tr>
<tr>
<td>Centre Grammar</td>
<td>Geo. S. Turner</td>
<td>1,200</td>
</tr>
<tr>
<td>&quot; Intermediate No. 1</td>
<td>Lilla Frost</td>
<td>600</td>
</tr>
<tr>
<td>&quot; &quot;</td>
<td>Hattie B. Crafts</td>
<td>475</td>
</tr>
<tr>
<td>&quot; &quot; &quot; 2</td>
<td>Etta B. Dadmun</td>
<td>475</td>
</tr>
<tr>
<td>&quot; &quot; &quot; 3</td>
<td>Alice T. Norcross</td>
<td>475</td>
</tr>
<tr>
<td>&quot; Primary No. 1</td>
<td>Mary D. Patten</td>
<td>450</td>
</tr>
<tr>
<td>&quot; &quot; &quot; 2</td>
<td>Mary P. Turner</td>
<td>450</td>
</tr>
<tr>
<td>South Grammar</td>
<td>Laura A. Gale</td>
<td>800</td>
</tr>
<tr>
<td>&quot; Primary</td>
<td>Ñellie E. Williams</td>
<td>450</td>
</tr>
<tr>
<td>West Grammar</td>
<td>Geo. W. Andrew</td>
<td>1,000</td>
</tr>
<tr>
<td>&quot; Intermediate</td>
<td>Maria J. Bancroft</td>
<td>475</td>
</tr>
<tr>
<td>&quot; Primary No. 1</td>
<td>Bertha M. Whitney</td>
<td>450</td>
</tr>
<tr>
<td>&quot; &quot; &quot; 2</td>
<td>H. Maria Tucker</td>
<td>450</td>
</tr>
<tr>
<td>Ætna Mills Primary</td>
<td>M. B. Patten</td>
<td>450</td>
</tr>
<tr>
<td>Teacher of Drawing</td>
<td>Emma H. McLouthlin</td>
<td>450</td>
</tr>
<tr>
<td>Teacher of Music</td>
<td>Charles E. Whiting</td>
<td>300</td>
</tr>
</tbody>
</table>
### Statistics

<table>
<thead>
<tr>
<th>Name of School</th>
<th>Whole No. Registered</th>
<th>Average No. of Scholars</th>
<th>Average Attendance</th>
<th>Percentage of Attendance</th>
</tr>
</thead>
<tbody>
<tr>
<td>High School</td>
<td>70</td>
<td>60</td>
<td>59</td>
<td>70</td>
</tr>
<tr>
<td>Centre Grammar School</td>
<td>97</td>
<td>87</td>
<td>79</td>
<td>88</td>
</tr>
<tr>
<td>East</td>
<td>36</td>
<td>36</td>
<td>36</td>
<td>32</td>
</tr>
<tr>
<td>West</td>
<td>48</td>
<td>60</td>
<td>63</td>
<td>392/3</td>
</tr>
<tr>
<td>South</td>
<td>31</td>
<td>29</td>
<td>29</td>
<td>26</td>
</tr>
<tr>
<td>Centre Intermediate School No. 1</td>
<td>47</td>
<td>47</td>
<td>46</td>
<td>47</td>
</tr>
<tr>
<td>&quot;</td>
<td>50</td>
<td>52</td>
<td>46</td>
<td>45</td>
</tr>
<tr>
<td>&quot;</td>
<td>48</td>
<td>52</td>
<td>50</td>
<td>45</td>
</tr>
<tr>
<td>West</td>
<td>74</td>
<td>57</td>
<td>51</td>
<td>64</td>
</tr>
<tr>
<td>East</td>
<td>56</td>
<td>58</td>
<td>57</td>
<td>51</td>
</tr>
<tr>
<td>South</td>
<td>43</td>
<td>48</td>
<td>41</td>
<td>37.7</td>
</tr>
<tr>
<td>Centre Primary School No. 1</td>
<td>67</td>
<td>75</td>
<td>66</td>
<td>61</td>
</tr>
<tr>
<td>&quot;</td>
<td>55</td>
<td>80</td>
<td>56</td>
<td>46.6</td>
</tr>
<tr>
<td>West</td>
<td>36</td>
<td>36</td>
<td>36</td>
<td>34</td>
</tr>
<tr>
<td>&quot;</td>
<td>53</td>
<td>57</td>
<td>48</td>
<td>46</td>
</tr>
<tr>
<td>}Etna Mills Primary</td>
<td>43</td>
<td>41</td>
<td>35</td>
<td>39.8</td>
</tr>
</tbody>
</table>
REPORT OF SUB-COMMITTEE ON ACCOUNTS.

EXPENDITURES FOR SCHOOLS FOR THE YEAR ENDING JAN. 31, 1878.

<table>
<thead>
<tr>
<th>Item</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Salaries of teachers</td>
<td>$13,822.84</td>
</tr>
<tr>
<td>Salaries of janitors</td>
<td>1,356.56</td>
</tr>
<tr>
<td>Books and stationery</td>
<td>1,527.20</td>
</tr>
<tr>
<td>Fuel</td>
<td>926.01</td>
</tr>
<tr>
<td>Incidentals and ordinary repair</td>
<td>1,687.69</td>
</tr>
<tr>
<td>Painting and repairs of four school-houses</td>
<td>1,100.00</td>
</tr>
<tr>
<td>Renewal of desks, seats, and blackboards</td>
<td>480.30</td>
</tr>
<tr>
<td>Two pianos</td>
<td>300.00</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$21,200.60</strong></td>
</tr>
</tbody>
</table>

Appropriation by the town at March meeting                            | $20,700.00 |
Town's share school fund                                              | 99.27    |
Transferred from contingent                                           | 401.33   |

**Total**                                                           | **$21,200.60**

JOHN MURRAY,
J. F. WHEELER,
Committee.
ESTIMATED EXPENSES FOR 1878-79.

Salaries of teachers . . . . $13,325 00
Evening school, with class in industrial drawing . . . . 500 00
Books and stationery . . . . 1,200 00
Repairing and renewal of High-school apparatus . . . . 200 00
Care of school-houses . . . . 1,325 00
Repairs and incidentals . . . . 1,000 00
Fuel . . . . . . 1,200 00

$18,750 00

Steam-apparatus for West District . 1,500 00

$20,250 00

It will be noticed that, notwithstanding what is asked for steam-heating apparatus, the appropriation recommended for the ensuing year is below that made last year.

This is in continuance of the economical policy of the town for the past few years. So far as expenses incurred for the support of schools are concerned, it may be of interest to the public to know that this town stands in the list of the towns of the State as the 278th, and in the list for Middlesex County as the 44th out of 54.

The above report is respectfully submitted for the action of the Board and Town.

J. F. LOVERING,
Chairman School Committee.
TENTH ANNUAL REPORT

OF THE

BOARD OF TRUSTEES

OF THE

FREE PUBLIC LIBRARY

OF THE

TOWN OF WATERTOWN,

1878.

BOSTON:
PRESS OF ROCKWELL AND CHURCHILL,
NO. 39 ARCH STREET.
1878.
BOARD OF TRUSTEES FOR 1877-1878.

GEORGE K. SNOW ............. Term expires 1878.
A. C. STOCKIN ............. " " 1878.
CHARLES J. BARRY ........... " " 1879.
ALFRED HOSMER ............. " " 1879.
JOSHUA COOLIDGE .......... " " 1880.
GEORGE N. MARCH .......... " " 1880.

CHARLES J. BARRY, Chairman.
GEORGE K. SNOW, Secretary.
GEORGE N. MARCH, Treasurer.

Executive Committee.

CHARLES J. BARRY,
GEORGE N. MARCH.

Committee on Books.

CHARLES J. BARRY,
A. C. STOCKIN.

Committee on Finance.

GEORGE N. MARCH,
JOSHUA COOLIDGE.

Librarian.

SOLON F. WHITNEY.

Assistant Librarian.

Miss JANE STOCKWELL.
TRUSTEES' REPORT.

A full decade of years has now passed since the Free Public Library of Watertown was established, and, entering as we do upon a second, we look forward hopefully and trustfully for the same generous support which it has received during that just closed.

The benefit derived from it by all classes of our citizens, more especially by those of limited means, can hardly be estimated. During the unusual depression in business which has existed since the autumn of 1873, and the enforced idleness of many who had previously had steady employment, the attention of this class has been directed to the Library as a means for diversion, if not for improvement, and the habits thus formed will be of incalculable benefit to them. As an educational institution and as a preventive of crime, the Public Library is fully equal, if not superior, to our common schools.

Many young men are attracted to it whose evenings, it may be, would be spent in idleness or in vicious pursuits. Here they find a quiet, comfortable reading-room, its tables covered with periodicals, from which they derive a certain degree of entertainment. The taste for reading which these will inspire will grow and ripen into a demand for more solid food, and they will soon seek for books from the shelves of the Library.

The question of the propriety of introducing so many works of fiction into our Library has been freely discussed in the newspapers of our neighboring city, during the past year, and is still an open one. The demand for works of
this character has probably been as great here as in other towns and cities, and as the money appropriated by the town is intended to gratify the tastes of all classes of readers, the trustees have endeavored to exercise a wise and judicious discrimination in the selection of such works, rejecting many which they deemed objectionable, even if considered popular.

The circulation has increased more than five per cent. over that of the past year, which is a gratifying evidence of the interest of our citizens in the institution, and of its influence in the community.

In July last we were obliged to accept the resignation of the Assistant Librarian, Miss Nelly Bradford, to whom a vote of thanks was rendered for her faithful and efficient services. Miss Jane Stockwell, who had been her assistant, was promoted to fill the vacancy.

The annexed report of the Librarian is deserving of earnest and careful consideration, and the suggestions offered should command the attention of every thoughtful citizen.

We cannot commend too highly his efforts in your behalf. Any one curious to examine the annual accessions to the Library since its establishment cannot fail to notice the large number of volumes and pamphlets added to its store through his contributions alone, besides which the trustees are largely indebted to him for the enthusiastic and unflagging interest which he has ever manifested in everything which pertains to the success and well-being of the Library, and to which in a large measure its reputation for usefulness is due.

In the selection of his assistants he has always been fortunate, invariably securing those who have proved themselves to be admirably adapted to the work, and who have ever been ready to cooperate with him in every measure to secure its success. Through his exertions some imperfect sets of periodicals have been made complete by purchases
made by him at an inconsiderable cost, while in attendance at the annual meeting of Librarians, held in New York last summer.

The amount of money annually placed at our disposal, after paying for our list of periodicals, which must necessarily be provided for, together with the salaries of the Librarian and his assistants, gas, binding, etc., leaves but a small margin for the purchase of books; consequently the accessions have not been large during the past two years; we would therefore renew the appeal, so often urged, that contributions of books be made by individuals, in whose houses many may be found for which they have no further use, and which would make very acceptable additions to the Library. Contributions in money would also be thankfully received.

In consequence of the unfortunate results of the town meeting, held on the 31st July last, in relation to a new building for the Library, the trustees are under the necessity of making an entire change in the arrangement of the present rooms, in order that sufficient space may be secured for the future accessions to the Library. The report of the Librarian, which has been adopted by the Board, will show how these changes can be made to the best advantage.

The account-books which, at the outset, were considered to be of sufficient size to last twenty years, are now filled, and a new set must be procured, or other means of keeping the accounts provided, which will involve considerable expense. In view, therefore, of the absolute necessity which exists for the immediate commencement of these improvements, we ask that an appropriation of twenty-five hundred dollars may be made at the next town meeting, for the use of the Library and to defray the expenses to be incurred in making this change.\(^1\) The dog-tax, as a matter of course, will be required in addition to the above amount.

\(^1\) See Librarian’s Report, pp. 11–13.
The report of the Treasurer exhibits the same result as to receipts and expenditures which the accounts of previous years have shown.

In closing we ask for a careful consideration of the suggestions herein made, and trust to a generous response to enable us to carry them out.

Signed in behalf and by authority of the Board.

CHARLES J. BARRY,
Chairman.

February 5, 1878.
TRUSTEES' REPORT.

GEORGE N. MARCH, TREASURER,

IN ACCOUNT WITH THE

TRUSTEES OF THE FREE PUBLIC LIBRARY.

1877.

### Receipts

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appropriation</td>
<td>$1,450.00</td>
</tr>
<tr>
<td>Amount of dog tax</td>
<td>422.94</td>
</tr>
<tr>
<td>Sale of catalogues and fines</td>
<td>101.91</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$1,974.85</strong></td>
</tr>
</tbody>
</table>

### Expenditures

**Contingent**

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paid S. F. Whitney, librarian and assistant</td>
<td>$600.00</td>
</tr>
<tr>
<td>Ellen Bradford, assistant librarian</td>
<td>233.33</td>
</tr>
<tr>
<td>Jane Stockwell, &quot;</td>
<td>125.00</td>
</tr>
<tr>
<td>For gas to April, 1877</td>
<td>49.00</td>
</tr>
<tr>
<td>&quot; &quot; July, &quot;</td>
<td>27.30</td>
</tr>
<tr>
<td>&quot; &quot; Oct., &quot;</td>
<td>34.30</td>
</tr>
<tr>
<td>&quot; &quot; Jan., 1878</td>
<td>53.90</td>
</tr>
<tr>
<td>C. C. McLauthlin, printing</td>
<td>1.63</td>
</tr>
<tr>
<td>E. Howes, binding</td>
<td>32.85</td>
</tr>
<tr>
<td>S. F. Blanchard, binding</td>
<td>32.95</td>
</tr>
<tr>
<td>T. P. Emerson, express</td>
<td>5.75</td>
</tr>
<tr>
<td>J. H. Critchett, &quot;</td>
<td>1.05</td>
</tr>
<tr>
<td>F. G. Barker, printing</td>
<td>14.00</td>
</tr>
<tr>
<td>Lord, Whittemore &amp; Putney, matting</td>
<td>34.98</td>
</tr>
<tr>
<td>James McLauthlin, cleaning</td>
<td>11.25</td>
</tr>
<tr>
<td>Walker &amp; Pratt Manufacturing Co., labor</td>
<td>2.46</td>
</tr>
<tr>
<td>Estes &amp; Lauriat, binding</td>
<td>10.50</td>
</tr>
<tr>
<td>J. F. Bryan, gas repairs</td>
<td>2.25</td>
</tr>
<tr>
<td>John Danner, revolving book-case</td>
<td>17.96</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$1,290.46</strong></td>
</tr>
</tbody>
</table>

### Books and Periodicals

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paid Lee &amp; Shepard, for books</td>
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</tr>
<tr>
<td>&quot; &quot; &quot; &quot;</td>
<td>42.18</td>
</tr>
<tr>
<td>&quot; &quot; &quot; &quot;</td>
<td>47.99</td>
</tr>
<tr>
<td>&quot; &quot; &quot; &quot;</td>
<td>72.42</td>
</tr>
<tr>
<td>&quot; &quot; &quot; &quot;</td>
<td>18.51</td>
</tr>
</tbody>
</table>
TRUSTEES' REPORT.

Paid Lee & Shepard, for books . . . . . . . 29 01
  " " " " " " " " . . . . . . . 26 90
  " " " " " " " " . . . . . . . 14 50
Estes & Lauriat " . . . . . . . . . . . . . 87 79
  " " " " " " " " . . . . . . . 15 34
  " " " " " " " " . . . . . . . 12 87
  " " " " " " " " . . . . . . . 30 59
  " " " " " " " " . . . . . . . 7 00
Schoenhof & Moeller, for books . . . . . . . 26 76
Lockwood, Brooks & Co., for books . . . . . 11 25
A. W. Lovering, " . . . . . . . . . . . . . 4 70
Louisa Barry, " . . . . . . . . . . . . . 5 58
Commissioner of Patents, drawings, and specifications of patents, 9 vols., to Jan., 1877 . 23 40
Commissioner of Patents, drawings, and specifications of patents, 4 vols., viz., June, July, Aug., Sept., 1877 . 10 40
N. E. Subscription Agency, periodicals, 1878 . 109 55

SUNDAY PAYMENTS BY LIBRARIAN.

Paid for books . . . . . . . . . . . . . . . . 4 00
  " periodicals . . . . . . . . . . . . . . . . 4 45
  " Harris' epitaphs . . . . . . . . . . . . . . 9 00
  " messenger's fees . . . . . . . . . . . . . . 1 40
  " cleaning . . . . . . . . . . . . . . . . . . . 7 92
  " P. O. box and postage . . . . . . . . . . . 5 01
  " sundries . . . . . . . . . . . . . . . . . . 5 08
  " Treasurer's balance for 1877 . . . . . . . 3 98

Total expenditures . . . . . . . . . . . . . . 81,974 85
REPORT OF THE LIBRARIAN.

To the Trustees: —

GENTLEMEN,—In accordance with the requirement of Article IX. of the Rules and Regulations, I have the honor of submitting to you this my tenth annual report.

This Library had its origin in an earnest desire to benefit this community. A glance over the names of those who made the first contributions, and especially the names of those who have constantly tried to add to the effect of the appropriations of the town year by year since, is sufficient to satisfy one disposed to doubt that the Library has had strong, earnest friends, and that it will continue to have such friends in the future. In reviewing the past ten years I have been through carefully with its history. I will not burden you with lists of all the various donations from the beginning, nor will I place before you the names of the donors, which might be instructive alike from the absence as well as the presence of the names of our well-known citizens.

This effort to establish this Library is the expression of faith in the safety and desirability of a wide and free dissemination of knowledge. Free speech, a free press, free schools, and free libraries, are not the tools of tyrants, nor in a republic are they the means employed by intriguing politicians. Wisely directed, the free Public Library will supplement our system of free schools, and will become a great help in all solid and lasting progress. Said one of the first and strongest friends of the Library, "The time will come when this Library will be honored as one of the greatest forces for good in this community." It depends for its
growth and usefulness upon the intelligence and faith of all, irrespective of social, religious, or party distinctions. The best in all societies, in all churches, in all parties, must unite to make it do its destined work.

You will see by Appendix I. that the circulation has increased the past year, although fewer books were added than during most other years. The difference arises chiefly from a decrease in the number given, for, although the appropriation was a little less than the year before, the number of volumes purchased was considerably larger. It seems to me to be poor economy to try to save on that which is becoming more and more the life and strength of the town. The constantly increasing circulation is not the result of a day. All wise men will foster it. Elevate the taste, if you can, but stimulate it by providing wholesome books and periodicals. Call out the young, and those dependent upon you, to make use of your bounty; but do not cut off the supplies which alone can minister to the growth of those who must be your reliance in the future.

Appendix II. gives a list of the gifts to the Library during the past year, with the names of the givers alphabetically arranged. Appendix I. states each year the number of papers, pamphlets, and volumes given since the Library was established, together with the number of periodicals, etc., bound. By a note at the foot of the table you will see that about one-quarter (2,712) of the present number (10,795) belonging to the Library have been free gifts to the Library.

Appendix III. gives a list of the periodicals to be found on the reading-room tables.

I regret that I am not likely to see this Library established, before I leave it, in a secure fire-proof building. You have always been very careful not to burden the town by your requests, and you have been very liberal in your offers of help in forwarding the project of a new building.
If the death of generous-hearted and able men, depression in the interests of business, and the present indebtedness of the town, make it wise to postpone for a while the idea of a separate substantial structure, which the town would delight to honor, none will regret it more than you. I fear the town, by its mistake the past year, has lost an opportunity that for years may not return to them.

This Library is the vigorous, growing child of the town. It promises much for the future, but, having its origin here, is dependent entirely upon the confidence and wisdom of the people of this town, its natural protectors. Why not ask the town, — if it does not think it time to put it in a house of its own, — to give it more room in the old house, or to refit and adapt the rooms it has to its enlarged form and greater usefulness? There comes a time in the life of almost every child when it finds its garments too restricted for growth and healthy activity. The present alcoves are many of them more than full, and without increase in size or number the arrangement of books by subjects must be abandoned. Thus confusion in the numbering, which corresponds with the location of books, must be introduced, which, when larger rooms are at length obtained, can be removed only by re-locating, re-numbering, re-cataloguing, with all their labor and expense. If the present Library should be removed to a larger room, no change in location numbers would be necessary, except for a few recently added. An expansion of all the alcoves would give more room on each shelf, in each range, where additions for years could be provided for. An enlargement of the book-room would be a change in the same direction. The original topical and decimal plan of arrangement could be preserved, and thus no loss in the value of the present catalogues.

If the room now used for a reading-room should be taken for books, and the present waiting-room for a reading-room, all the space now used for a mere passage-way could be
thrown into the book-room, making it possible to thus increase the depth of each alcove, and possibly to make a few more alcoves. This change can be made without very great expense, if only an entrance can be obtained from the passage at the foot of the hall stairs similar in size and opposite to the door of the Selectmen's room. The plan has been pronounced feasible by good mechanics and builders. Thus, with a reading-room somewhat diminished in size, but where it can be taken care of with less labor, and a waiting-room just back of it, a larger and well-shaped room can be obtained, which will answer the needs of the Library for several years.

A table for students could be retained in the back part, near the windows, where reference books could be consulted. The ventilation of these rooms has always been bad. If a heater (a nest of steam-pipes) could be put into the vacant space under the Selectmen's inner room, and fresh air from out of doors heated and poured into the Library-room, while use is made of the chimney for ventilation by putting in a register to let off the impure air, a very great improvement would be made, while additional space now occupied by radiators would be gained for other uses.

A pump and sink directly over the one in the basement would be a very desirable convenience.

The books for charging are now nearly worn out. Many of the pages have been written over and over again, until rubber will hardly leave the paper in condition to receive legible pencil-marks. The first chairman said, in his first report to the town, "All blank-books that have been ordered for the use of the Library will not require to be renewed for twenty or thirty years." He had no idea that the circulation would be increased to more than threefold, as it had been even last year. New methods of charging have been adopted by most libraries. In this respect we are behind most others. This would be a good time to change our system of charging, from the ledger system to the system by slips.
sary change in the arrangement of desks could be made at the time of the rearrangement of rooms. By this method it would be possible to tell at once, any day, just what books had been out a day too long; thus notice could be immediately sent to those who had forgotten their books, and thus save them the necessity of paying large fines and at the same time secure for the Library a quicker and larger circulation. It would be possible to tell at once who had any given book, to tell at once who had had the book through the year, and how many times each book had been out. In many ways this method enables the Trustees and the Librarian to get essential facts in regard to the circulation in a much more expeditious manner than by our present system. I have reason for thinking that all these improvements, with changes in heating apparatus, changes in gas fixtures, changes in position of partitions, cases, with painting, can be obtained for about a thousand dollars. This change can be managed without closing the Library, or possibly by closing it for only a short time.

If the funds are granted for the work, I am willing to assist in the necessary rearrangement. You will then be able to manage the administration of the Library with less help, if you wish, than you have done.

I am able to assure the Trustees that in future, in consequence of the very rapid increase in the number of public libraries, and consequently of the greater demand for cooperation among Librarians, it will be possible to carry on the Library more easily than when we began. Our system of cataloguing, — by cards, essentially the same as that in use at Harvard College, — I am satisfied from nearly ten years' study of it, as well as from its substantial adoption in all the best libraries, is the best possible. Modifications of it, according to the wishes or the knowledge of Librarians, will, of course, be made. It will be left incomplete or made more
perfect according to the ambition for usefulness or the amount of time at the command of those employed in the Library. In theory it is always perfect, representing, at any moment, the exact condition of the Library. When a book is added, its title, author, and subject are immediately entered in their appropriate place, arranged like words in a dictionary by the letters of the alphabet. This is possible because each is on a separate card. Our printed catalogue and its eight supplements now oblige one to look through nine alphabets before he can say that a certain book is not to be found in the Library. More exact and specific rules have been published for making such a catalogue; valuable aids are constantly appearing, so that, with a moderate apprenticeship in the Library itself, one might continue the card catalogue with far less difficulty than was experienced in beginning it.

I hope you will insist, too, upon having all the other catalogues kept up. Every book is first entered in the large Accessions catalogue, in the order of its purchase. The number the book receives is entered in red ink on the back of the title-page, and is a key to the description and cost of the book there recorded. Every book in the Library has its description thus entered. Then, in the alcove lists, every book is again entered in the order of its location on the shelves. With these lists complete, it is possible, as at the beginning of the present year, to go through the Library in a few hours, and ascertain exactly what books are not on the shelves. All new books are entered on the bulletin in writing. Then the manuscript must be prepared for the printer. Thus six times, at least, each title must be entered in writing in lists arranged according to the purpose of the list. The work is not slight, but how else can a library be so perfectly kept in hand? Few besides yourselves have any idea of the amount of work to be performed, or its use or necessity. Pamphlets have been treated, to a considerable extent, in the same way. A pamphlet of a few pages, if it
gives just the desired information, is as valuable as a bound volume. Pamphlets on the same or similar subjects, however, can be managed much better and will be preserved longer if bound. You have had bound, the past year, most of the more popular periodicals. I would advise the binding, if the necessary funds are granted, of a much larger portion of our collection of periodicals and other pamphlets. Many of them are now valuable, and, in full sets, will constantly become more and more valuable. We have sets that it would be almost impossible to replace. Especially would I recommend the collection and preservation of everything relating, in any way, to the life, the history of this town.

Also, during the past year, many volumes have been repaired by the binders. I would advise the condemning of volumes too much worn for circulation, and the sale of duplicate volumes, which have been accumulating from the beginning.

I would like to add my testimony to yours as to the great loss the Library has sustained by the removal from town of the First Assistant, Miss Nelly Bradford. Quick, methodical, accurate, with a large knowledge of books for one of her years, she added conscientiousness to the performance of the least duties as well as to the more prominent ones in serving the Library, and thus helping to make it more perfectly and fully serve the public.

The present assistants are doing well the work required of them. They are ready and willing to answer every call. We have been fortunate so far, even from the first, in all of the assistants employed in the Library. May the time never come when the best among the young will not esteem it a privilege to learn in this school, and to help on so good a work. But the town must expect, in time, to pay for such service what it would pay for similar talents employed, say in the schools, in like useful work.
I cannot help feeling when I read of noble bequests, even by our own citizens, how grand a thing for this town it would be for some one, who has the means, to endow this Library with a fund that would give it a good building, or that would provide, on condition that the town would do this, for more rapid increase in the number of volumes. Institutions whose future is entirely secure receive princely aid. This is well. If men of means had followed the workings of this institution for the past ten years as I have done, and had seen so many of the young improving, as they grow up, the advantages they find here, they would no longer doubt that here they might secure the lasting gratitude of their kind, and by conferring their means prove a blessing to their race. I do not think it well to urge men to vote money for what they can see no use for. The few must lead. How noble it is for those who have the means, and see the value of knowledge, to devote a part of their accumulated property to open the rich stores of learning to all who will use them!

My anxiety for the welfare of the Library extends over but a few years of the immediate future; for I feel that soon there will rise up to speak in the deliberations of the town, to plead for its interests and to give witness to the value of its service, those whose language, whose varied learning, and whose sound philosophy, fired with gratitude for benefits received, will be the best evidence of the wisdom of continued generous appropriations for this institution.

The number of free public libraries in the State is about four times as large as it was when this Library was started. The number of volumes has increased by a very much larger ratio. No one in this town who has given the subject careful attention can be opposed to granting the means necessary for the continued growth and increasing usefulness of an agency which stores up, while it circulates more rapidly, its means of present and future usefulness.
Hoping that this Library may deserve, and may continue to receive, the generous support of the town in the future as it has in the past, I commend its interests to your continued watchfulness, to your self-sacrificing labors.

All of which is most respectfully submitted.

SOLON F. WHITNEY,

Librarian.
## APPENDIX I.

### USE AND GROWTH OF THE LIBRARY FROM THE BEGINNING.

<table>
<thead>
<tr>
<th>YEARS</th>
<th>1868-69</th>
<th>1869-70</th>
<th>1870-71</th>
<th>1871-72</th>
<th>1872-73</th>
<th>1873†</th>
<th>1874</th>
<th>1875</th>
<th>1876</th>
<th>1877</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total number of volumes in the library</td>
<td>2,250</td>
<td>4,683</td>
<td>5,401</td>
<td>5,902</td>
<td>6,501</td>
<td>7,275</td>
<td>8,346</td>
<td>9,618</td>
<td>10,214</td>
<td>10,795</td>
</tr>
<tr>
<td>Increase during the year</td>
<td>2,250</td>
<td>2,433</td>
<td>718</td>
<td>501</td>
<td>599</td>
<td>774</td>
<td>1,071</td>
<td>1,272</td>
<td>596</td>
<td>581</td>
</tr>
<tr>
<td>Increase by purchase</td>
<td>1,788</td>
<td>2,120</td>
<td>265</td>
<td>351</td>
<td>489</td>
<td>561</td>
<td>650</td>
<td>782</td>
<td>300</td>
<td>434</td>
</tr>
<tr>
<td>Increase by gift</td>
<td>462</td>
<td>313</td>
<td>417</td>
<td>84</td>
<td>115</td>
<td>213</td>
<td>291</td>
<td>424</td>
<td>296</td>
<td>a92</td>
</tr>
<tr>
<td>Increase by binding pamphlets</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>55</td>
</tr>
<tr>
<td>Total number of pamphlets in the library</td>
<td>637</td>
<td>824</td>
<td>1,956</td>
<td>2,133</td>
<td>3,491</td>
<td>4,821</td>
<td>6,288</td>
<td>8,203</td>
<td>9,604</td>
<td>9,947</td>
</tr>
<tr>
<td>Increase of pamphlets and papers by purchase</td>
<td>90</td>
<td>9</td>
<td>82</td>
<td>602</td>
<td>486</td>
<td>608</td>
<td>790</td>
<td>920</td>
<td>719</td>
<td>705</td>
</tr>
<tr>
<td>Increase of pamphlets and papers by gift</td>
<td>547</td>
<td>299</td>
<td>1,086</td>
<td>514</td>
<td>812</td>
<td>722</td>
<td>1,366</td>
<td>1,531</td>
<td>682</td>
<td>a450</td>
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<tr>
<td>Of these there were bound</td>
<td></td>
<td></td>
<td>121</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>876</td>
<td></td>
</tr>
<tr>
<td>Total No. of persons who have taken out cards</td>
<td></td>
<td></td>
<td>727</td>
<td>1,071</td>
<td>1,250</td>
<td>1,484</td>
<td>1,764</td>
<td>2,024</td>
<td>2,279</td>
<td>2,500</td>
</tr>
<tr>
<td>Total number of volumes issued</td>
<td>10,398</td>
<td>16,985</td>
<td>*13,563</td>
<td>17,711</td>
<td>20,948</td>
<td>25,407</td>
<td>29,235</td>
<td>30,679</td>
<td>32,082</td>
<td></td>
</tr>
<tr>
<td>Number of books covered</td>
<td>1,088</td>
<td>1,202</td>
<td></td>
<td></td>
<td></td>
<td>2,932</td>
<td>3,107</td>
<td>2,336</td>
<td>2,289</td>
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<tr>
<td>Money received for catalogues</td>
<td>$95.08</td>
<td>$129.95</td>
<td>$9.60</td>
<td>$9.60</td>
<td>$17.35</td>
<td>$15.55</td>
<td>$11.20</td>
<td>$14.55</td>
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<td></td>
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<tr>
<td>Money received for fines, etc</td>
<td>$16.28</td>
<td>12.85</td>
<td>33.14</td>
<td>61.78</td>
<td>64.33</td>
<td>100.86</td>
<td>86.98</td>
<td>85.70</td>
<td>87.31</td>
<td></td>
</tr>
</tbody>
</table>

The Library was open three days each week, at first; now it is open every day (except Sundays and legal holidays) from 3 o'clock till 6, and from 7 till 9.

* The library was closed for three months, and the reading-room for a much longer period.

† The numbers reported for 1873 are for a period of only about ten and a half months, ending with Jan. 1, 1874.

a Total number of pamphlets given in 10 years, 4,896.

" " " papers " " 10 " " 2,936.
" " " volumes " " 10 " " 2,712.
" " " pamphlets and papers bound in 10 years, 2,873.
### APPENDIX II.

<table>
<thead>
<tr>
<th>Title and Institution</th>
<th>Papers</th>
<th>Pamph.</th>
<th>Vols.</th>
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</thead>
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<tr>
<td>American Unitarian Association, &quot;Christian Register&quot; and &quot;Unitarian Review&quot;</td>
<td>52</td>
<td>12</td>
<td>1</td>
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<td>Barry, C. J.</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Barry, Mrs. C. J.</td>
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<td></td>
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<tr>
<td>Boston, City of</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Boston Public Library</td>
<td>6</td>
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<tr>
<td>Bradlee, John E.</td>
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<td></td>
<td></td>
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<tr>
<td>Bronson Library, Waterbury, Conn.</td>
<td>2</td>
<td></td>
<td>6</td>
</tr>
<tr>
<td>Bustin, Wm. H., Jr.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chicago Public Library</td>
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<td></td>
<td>1</td>
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<tr>
<td>&quot;Cobden Club,&quot; London</td>
<td></td>
<td></td>
<td>1</td>
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<tr>
<td>Concord Public Library</td>
<td></td>
<td>2</td>
<td>3</td>
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<tr>
<td>Davidson, Herbert E.</td>
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<td>Davis, John, Wash., D. C.</td>
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<td>Davis, R. L., Esq.</td>
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<tr>
<td>Dedham Public Library</td>
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<td>1</td>
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<tr>
<td>Ditson, Oliver &amp; Co., &quot;Dwight's Journal of Music&quot;</td>
<td>26</td>
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<tr>
<td>Fitz, Charles F.</td>
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<td></td>
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<tr>
<td>Flint, Charles L., Secretary of Board of Agriculture</td>
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<td>2</td>
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<tr>
<td>Forbes, Frank, Esq.</td>
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<td>10</td>
</tr>
<tr>
<td>Free Religious Association</td>
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<tr>
<td>Gerner, Henry &amp; Son, &quot;Patent Right Gazette&quot; and &quot;Gerner's Weekly&quot;</td>
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<td>3</td>
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<tr>
<td>Holden, John A.</td>
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<td>Hosmer, Alfred, M.D.</td>
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<tr>
<td>Jackson, Miss E. D.</td>
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<tr>
<td>Lancaster Public Library</td>
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</tr>
<tr>
<td>Lawrence Public Library</td>
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<tr>
<td>Lord, Amasa, &quot;Informer&quot;</td>
<td>11</td>
<td>2</td>
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<td>Lowell City Library</td>
<td>31</td>
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<tr>
<td>McLouthlin, C. C.</td>
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</tr>
<tr>
<td>Macmillan &amp; Co.</td>
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<td></td>
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<tr>
<td>March, Geo. N.</td>
<td>8</td>
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<td></td>
</tr>
<tr>
<td>Massachusetts, Commonwealth of</td>
<td></td>
<td></td>
<td>11</td>
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<tr>
<td>Massachusetts, Secretary of State</td>
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<tr>
<td>Massachusetts Society, &quot;Our Dumb Animals&quot;</td>
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<tr>
<td>Massachusetts State Board of Health</td>
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<tr>
<td>Melrose Public Library</td>
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<td></td>
</tr>
<tr>
<td>Mercantile Library, N. Y.</td>
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<tr>
<td>New Bedford Public Library</td>
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<tr>
<td>Newburyport Public Library</td>
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<tr>
<td>Institution</td>
<td>Papers</td>
<td>Pamph.</td>
<td>Vols.</td>
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<td>--------------------------------------------------</td>
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<td>Newton Public Library</td>
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<td>Potter, J. H., &quot;Watertown Observer&quot;</td>
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<td>St. Louis Public School Library</td>
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<td>Smithsonian Institute</td>
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<td>Stiles, William L.</td>
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<td>Sudbury, J. S. Hunt, Town Clerk</td>
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<td>Titcombe, Mrs. L. W. T.</td>
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<tr>
<td>Townsend, Rev. L. T., D.D.</td>
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<td>Tucker, John</td>
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<tr>
<td>U. S. Bureau of Education</td>
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<tr>
<td>U. S. Patent Office</td>
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<tr>
<td>U. S. Treasury Department</td>
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<td>Waltham Public Library</td>
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<td>Waltham, Town of</td>
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<td>Watertown, Selectmen of</td>
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<td>White, Smith &amp; Perry, &quot;The Folio&quot;</td>
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<td>Whitney, Solon F.</td>
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<td>Winter, Mrs. Eliza</td>
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<td>Woburn Public Library</td>
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<td>Worcester Public Library</td>
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<td></td>
<td>279</td>
<td>171</td>
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APPENDIX III.

LIST OF PERIODICALS ON THE TABLES OF THE READING-ROOM.

<table>
<thead>
<tr>
<th>Agriculturist, The.</th>
<th>N. E. Journal of Education.</th>
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<tbody>
<tr>
<td>Christian Register.</td>
<td>Publisher's Weekly.</td>
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<tr>
<td>Contemporary Review.</td>
<td>Punch.</td>
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<tr>
<td>Good Words.</td>
<td>&quot; &quot; Supplement.</td>
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<td>Literary World.</td>
<td>Woman's Journal.</td>
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<tr>
<td>London Quarterly.</td>
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<td>Manufacturer and Builder.</td>
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<td>Nation, The.</td>
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<td>Nature.</td>
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<td>N. E. Historical Register.</td>
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About, Edmond. Les mariages de Paris. P., 1874. 16° 573.2
—— Les mariages de province. P., 1876. 16° 573.3
Adams, William T. Out West. (Juvenile.) B., 1877. 16° 283.48
—— Sunny shores. (Juvenile.) B. & N.Y., 1875. 16° 297.13
Addison, Budgell, Steele, and Tickell. Sir Roger de Coverley; consisting of papers relating to Sir Roger, which were originally published in the "Spectator." N.Y., 1877. 16° 420.11
Adeler, Max (pseud.). See Clark, C. H.
Adirondack tales. Murray, W. H. H. 276.16
Æsthetics, Physiological. Allen, Grant 410.26
Africa. Cameron, V. L. Across Africa. With map and illustr. 326.21
—— Knox, T. W. Backsheesh! or, life and adven. in the Orient. 324.22
—— Long, C. Chalilé. Central Africa; naked truths of naked people 326.16
Afterglow. (No name series.) B., 1877. 16° 296.38
Agriculture. Colman, Henry. The agriculture and rural economy of France, Belgium, Holland, and Switzerland 345.16
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