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W. 27, 4, 118

SEVENTY FOURTH.

ANNUAL

CATALOGUE

OF

BOWDOIN COLLEGE,

FOR THE ACADEMICAL YEAR

1875-6.

MARCH, 1876.

With the Compliments of

Joshua L. Chamberlain.

CATALOGUE

OF THE

OFFICERS AND STUDENTS

OF

BOWDOIN COLLEGE

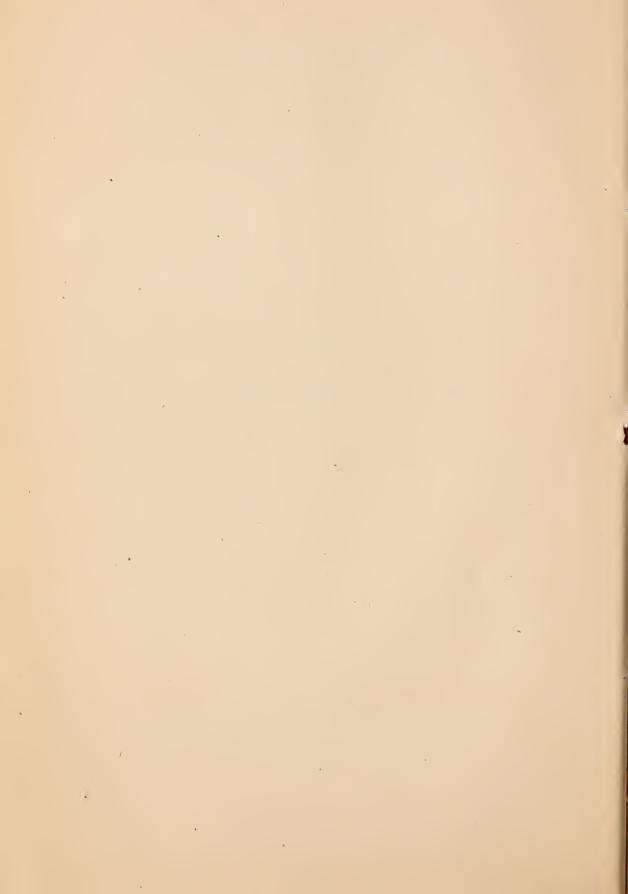
AND THE

MEDICAL SCHOOL OF MAINE,

FOR THE YEAR 1875-'76.

BRUNSWICK, MAINE.

BRUNSWICK:
TELEGRAPH PRINTING OFFICE.
1876.



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UNDERGRADUATES.

SENIOR CLASS.

CLASSICAL DIVISION.

Name.	RESIDENCE.	Room.
Alden, William	Portland,	8 A. H.
Andrews, Charles Sewall	Otis field,	12 W. H.
Burnham, Collins Grant	Bidde ford,	30 A. H.
Clark, Charles Herbert	Bangor,	11 W. H.
Evans, Osman Charles	Fall River, Mass., Jol	nnson School.
Gordon, Oriville Clark	Chester ville,	16 A. H.
Hall, Howard Elijah	Newcastle, Miss	Thompson's.
Hill, Jere Merrill	Buxton,	30 A. H.
Kimball, Edward Hazen	Bath, Alpha Delt	a Phi Rooms.
Leavitt, John Samuel, jr.	Gorham,	26 M. H.
Libby, John Gair	Wells,	12 W. H.
Morrill, John Adams	Auburn,	9 А. Н.

Parsons, George	Kennebunk,	Mr. Booker's.
Payne, John Howard	Bath, Alpha I	Delta Phi Rooms.
Payson, Franklin Conant	Portland,	5 A. H.
Perry, Charles Albert	Brunswick,	Mrs. Perry's.
Pratt, George Franklin	Bangor,	11 W. H.
Robinson, Walter Augustine	Bangor,	15 M. H.
Rogers, Allan Ellington	Hampden,	Mrs. Boothby's.
Sanford, Alpheus	Boston, Mass.,	11 M. H.
Sargent, Charles	Machias,	12 M. H.
Stevens, Oliver Crocker	Boston, Mass.,	8 M. H.
Taylor, Charles Sumner	Damaris cotta,	15 A. H.
Waitt, William Gay	Gardiner,	12 M. H.
White, John Henry	Bowdoinham,	11 M. H.

SCIENTIFIC DIVISION.

Atwood, Tascus	Auburn,	29 A. H.
Bates, Arlo	East Machias,	29 M. H.
Hawes, Charles Taylor	$\it Litch field,$	29 A. H.
Jameson, Charles Davis.	Bangor, Alpha Delta F	hi Rooms.
Kimball, Frank Reed	Salem, Mass.,	5 M. H.
Marrett, Walter H.	Standish,	31 W. H.
Merrill, George Bartol	Yarmouth,	14 M. H.
Newcomb, Erwin Barrett	Westbrook,	29 W. H.
Parker, Arthur Taylor	Boston, Mass.,	9 M. H.
Prince, George Thomas	Boston, Mass.,	16 W. H.

Rowe, William Henry Gulliver	Auburn,	13 M. H.
Sabin, Alvah Horton	Mason City, Iowa,	30 M. H.
Sewall, Hardy Ropes	Bath,	29 W. H.
Stimson, Fred Milo	Auburn,	13 M. H.
Wheeler, Charles Gardner	Winchendon, Mass.,	Dr. Wheeler's.
Whittemore, Charles Augustus	Brunswick, Mrs.	Whittemore's.
Wilson, Bion	Thomaston,	26 W. H.
Wright, Frank Vernon	New York City,	Capt. Street's.

JUNIOR CLASS.

CLASSICAL DIVISION.

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Blake, Edward Harwood	Bangor,	6 A. H.
Brinkerhoff, Osgar	- Westboro', Mass.,	31 A. H.
Brown, Philip Greely	Portland,	6 M. H.
Chapman, John Eliphaz	Portland,	10 A. H.
Cobb, Charles Edwin	Auburn,	13 A. H.
Cousins, Edgar Millard	South West Harbor,	14 A. H.
Crocker, Frank Herbert	Machias	21 A. H.
Dillingham, Fred Henry	Bangor,	11 A. H.
Fuller, David Blin, jr.	Albion,	22 M. H.
Gilman, David Dunlap	Brunswick,	Mr. Gilman's.
Greene, Joseph Knight	$Bolster's\ Mills,$	32 M. H.
Greene, William Chute	$Bolster `s\ Mills,$	32 M. H.
Holbrook, George Arthur	Portsmouth, N. H.,	1 A. H.

Ingalls, Phineas Henry	Portland,	23 A. H.
Knight, Charles Egbert	Wiscasset,	Mr. Booker's.
Little, George Thomas	Auburn,	13 A. H.
Lord, Orlando Marret	Windham,	31 A. H.
Lynde, Frank Joselyn	Bangor,	11 A. H.
Marquis, George Henry	Portland,	Mrs. Wyman's.
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Morrill, Carroll Willie	$We st\ Falmouth,$	31 A. H.
Morse, Charles Wyman	Bath,	8 W. H.
Moulton, Leander	Durham,	Mr. Griffin's.
Nickerson, Charles Lendol	Saco,	30 A. H.
Perry, Curtis Appleton	Brunswick,	Mrs. Perry's.
Perry, William	Salem, Mass.,	10 M. H.
Roberts, John Alfred	Andover,	32 M. H.
Sanborn, William Herbert	Augusta,	8 W. H.
Seabury, Charles Bailey	Gardiner,	12 A. H.
Somes, Albert	Wiscasset,	Mrs. Woodside's.
Stanwood, Lewis Alfred	Lee,	Mr. Stanwood's.
Thompson, George Ladd	Augusta,	23 A. H.
Wiggin, Henry Dwight	Auburn;	6 A. H.
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SCIENTIFIC DIVISION.

Bolster, Alvan Joseph	Auburn,	21 A. H.
Cobb, William Titcomb	Rockland,	22 A. II.
Dunbar, Edward Everett	Damaris cotta,	15 A. H.
Gürdjian, Serope Armenag	Cæsarea, Asia Minor,	17 Л. П.

Hargraves, Frank Hobart	Great Falls, N. H	Z., 22 W. H.
Melcher, Samuel Appleton	Brunswick,	Mr. Melcher's.
Metcalf, Edward Clarence	Brunswick,	Mr. Metcalf's.
Palmer, Fremont Manning	Portland,	22 W. H.
Peary, Robert Edwin	Portland,	Mrs. Peary's.
Pratt, Edwin Judson	Yarmouth,	16 A. H.
Reed, Lewis Henry	Mexico,	13 W. H.
Scribner, Edwin Albert	Topsham,	Mr. Scribner's.
Sewall, James Wingate	Oldtown,	10 W. H.
Sherman, Addison Monroe	Lincoln, Mass.,	Miss Thompson's.
Tillson, George William	Thomaston,	Mrs. Gatchell's.

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CLASSICAL DIVISION.

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Felch, Daniel Henry	Ayer, Mass.,	30 M. H.
Fessenden, Stephen Deblois	Auburn, Alpha Delta I	Phi Rooms.
Garland, Otis Ward	Gloucester, Mass.,	2 A. H.
Hall, John Franklin	Dixfield,	32 A. H.
Higgins, James Lucius	Ellsworth,	14 A. H.
Potter, Barrett	Brunswick, Rev. M	r.·Potter's.
Pray, Thomas Moses	Dover, N. H.,	25 M. H.
Purington, George Colby	North Anson,	16 M. H.
Sargent, William Edward	Freeport, Mrs.	Scribner's.
Smith, Samuel Emerson	Thomaston,	25 W. H.
Stetson, Edwin Flye	Damaris cotta,	28 A. H.
Thing, John Wentworth	Limerick,	32 А. Н.

SCIENTIFIC DIVISION.

Baxter, Hartley C.	Portland,	5 A. H.
Burton, Alfred Edgar	Portland,	9 A. H.
French, Willis, Walton	Portsmouth, N. H.,	26 A. H.
Golden, William Andrew	Portland,	
Jacobs, Carson Minor	Farmington,	4 A. H.
Paine, Philip Lee	Portland,	25 A. H.
Sewall, Joseph	Oldtown,	15 W. H.
Shaw, Alton J.	Auburn,	19 A. H.
Sturgis, Horace Russell	Augusta,	

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FRESHMAN CLASS.

CLASSICAL DIVISION.

Name	RESIDENCE.	Room.
Achorn, John Warren	New Castle,	Mrs. Rundlett's.
Borland, Benjamin Metcalf	New Castle,	
Bourne, George William	Kennebunk,	Mr. Booker's.
Bourne, Herbert Edward	Kennebunk,	Mr. Booker's.
Bowker, Heber Durgin	Salem, N. H.,	Mrs. Pennell's.
Brown, Nathan Clifford	Portland,	6 M. H.
Carleton, Henry Baird	Rockport,	Miss Babb's.
Castner, Daniel Ozro	Waldoboro,	Mrs. Rundlett's.
Curtis, John B.	Bath,	Mrs. Preble's.
Dinsmore, Bryant Wood	New York City,	25 M. H.
Fifield, Holmes Boardman	Portland,	27 A. H.
Goodrich, Charles Lyman	West Auburn,	
Hanson, Ansel Wingate	Buxton,	Mrs. Dunning's.

Hardy, Audubon Levi	Wilton,	
Hastings, Edward Ellis	Fryeburg,	22 M. H.
Henderson, Horace Eben	Wiscasset,	Mrs. Leavens's.
Huston, Henry Augustus	Damaris cotta,	Mrs. Rundlett's.
Huston, Joel Payson	Damaris cotta,	Mrs. Rundlett's.
Johnson, George Washington	Bluehill,	Mrs. Pennell's.
Kimball, Frank	Kennebunk,	Mrs. Pennell's.
Lumbert, Ansel L.	Hartland,	
Pennell, Albert Henry	We st brook,	26 M. H.
Ring, Henry Wilson	Portland,	27 A. H.
Tarbox, James Cushman	Phillips,	Mrs. Dunning's.
Varney, Ellwood Francis	Saco,	25 M. H.

SCIENTIFIC DIVISION.

Beane, Howard Dudley	New York City,	25 M. H.
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Corey, Frank Stanwood	Portland,	24 M. H.
Davis, Walter Goodwin	Portland,	24 M. H.
Haskell, Charles Oliver	Portland,	
Smith, Melville Josiah	Brunswick,	Mrs. Smith's.
Stearns, Seward Smith	Lovell,	22 M. H.

UNDERGRADUATE INSTRUCTION.

CLASSICAL DEPARTMENT.

TERMS OF ADMISSION.

Candidates for admission into the Freshman Class are examined as follows:—

Latin Grammar, including Prosody; Writing Latin; (XXXV. lessons in Allen's Latin Composition are recommended as indicating the amount required;) Virgil, the Bucolics, Georgics, and six books of the Æneid; Cicero, Seven Orations; Sallust.

Hadley's Greek Grammar; Xenophon's Anabasis, four books, and Homer's Iliad, two books; Jones's Greek Prose Composition.

Arithmetic, including the metric system; Algebra, to equations of the second degree; Loomis's Geometry, first and third books.

English Grammar; Ancient and Modern Geography.

Real equivalents for any of the foregoing requirements will be accepted.

They must produce certificates of their good moral character. The time for examination is the Friday after Commencement, and the first Thursday of the first term. Candidates for admission into the other classes will be examined in the books which have been studied by the class into which admission is requested. A student from another college, before he can be examined, must produce a certificate of his regular dismission.

COURSE OF STUDY.

FRESHMAN YEAR.

- FIRST TERM Livy and Latin Composition. Selections from Greek Authors and Greek Composition. Ancient History (Rawlinson). Algebra.
- Second Term Livy, Ovid and Latin Composition. Herodotus, Lysias and Greek Composition. Ancient History. Geometry.
- THIRD TERM Odes of Horace. Odyssey and Greek Composition. Ancient History.

 Plane Trigonometry, Mensuration, Surveying and Navigation.

SOPHOMORE YEAR.

- First Term Satires and Epistles of Horace. Demosthenes. French. Rhetoric.

 Spherical Trigonometry. Conic Sections.
- Second Term Cicero; Tusculan Disp. Bk. I. Sophocles. French. Analytical Geometry.
- THIRD TERM Terence or Plautus. Plato. French. Logic. English Literature.

JUNIOR YEAR.

- First Term Quintilian, Tacitus and Juvenal. German. Physics, Lectures and Recitations. Optional Greek.
- SECOND TERM—German. Lectures on Philology. Analytical Chemistry. Astronomy. Optional Greek.
- THIRD TERM German, Faust, or Hermann and Dorothea. Lectures on Philology.

 Mineralogy and Crystallography. Structural Botany. Optional Greek.

SENIOR YEAR.

- FIRST TERM Political Economy. Geology. Evidences of Christianity.
- Second Term—Mental Philosophy. Chemistry, Lectures and Laboratory work.

 Constitutional Law.
- Third Term Moral Philosophy. Chemistry, Lectures and Recitations. International Law.

Exercises in Composition and Oratory throughout the course

SCIENTIFIC DEPARTMENT.

TERMS OF ADMISSION.

Applicants for admission should produce testimonials of good moral character. They will be examined in the following subjects:—

- MATHEMATICS. Arithmetic, including Common and Decimal Fractions, Interest, Square Root and the Metric System; Algebra, to Equations of the Second Degree; Loomis's Geometry, Books I. and III.
- GEOGRAPHY. Descriptive Geography. Physical Geography, Guyot's or an equivalent.
- HISTORY. Leading facts in general History, and especially in American History.
- LATIN.—The Latin required for admission in this Department is the same as that required for admission to the Classical Course.
- English.—English Grammar. In addition to the principles of English Grammar, the examination will include *Writing* a few sentences in English, on some familiar subject, reference being had to spelling and punctuation as well as to composition, and *Correction* of ungrammatical sentences composed for the purpose.

The time for admission is the Friday after Commencement, and the first Thursday of the first term. In exceptional cases applicants may be examined at other times.

Students in Engineering (not candidates for a degree) will be received at any stage for which they are found fitted, upon examination in the appropriate studies of that course.

COURSE OF STUDY.

The studies of the first two years are common throughout the Department, and are intended to lay a broad and substantial foundation for all branches of subsequent study. In the last two years the studies are arranged in two distinct courses.

FRESHMAN YEAR.

- First Term Seeley's English Lessons. Magill's French Grammar. Algebra. Geometry.
- SECOND TERM—French. Geometry. Algebra. Elements of Drawing for Engineering Students. Ancient History.
- THIRD TERM—French. Plane and Spherical Trigonometry. Surveying, with field practice. Conic Sections. Drawing for Engineering Students.

 Ancient History.

SOPHOMORE YEAR.

- FIRST TERM Analytical Trigonometry. Analytical Geometry. General Chemistry;

 Laboratory work. Rhetoric. Advanced French; Guizot, Hist.

 de la civilization en Europe.
- SECOND TERM-Differential Calculus. Chemistry. Logic.
- THIRD TERM-Integral Calculus. Chemistry and Mineralogy. Botany.

Drawing for Engineering Students throughout the year.

JUNIOR YEAR.

- FIRST TERM Physics, Lectures and Recitations. Physiology and Hygiene. German, Comfort's Grammar.
- Second Term—Physics, Lectures and Recitations. Zoölogy. Spectroscopy and Photography. German.
- THIRD TERM—Zoology. Astronomy. German, Faust.

SENIOR YEAR.

- FIRST TERM Geology. Political Economy. Evidences of Christianity.
- Second Term—Intellectual Philosophy. English Literature. Chemistry, Lectures and Recitations. Geology. Constitutional Law.
- THIRD TERM—Moral Philosophy. Chemistry, Lectures and Recitations. Comparative Anatomy. International Law.

Exercises in Composition and Oratory throughout the course.

ENGINEERING.

Students in this department may take a course in Civil or in Mechanical Engineering. The admission is the same as to the Scientific department, except that a full equivalent in French will be taken, if desired, in the place of Latin. Candidates are earnestly advised, however, to fit themselves in all the Latin required for the regular course. The studies of the first and second years are those already given in the Scientific Course, except that Drawing is commenced in the Freshman year, and an extended course of Field-work is taken during the Sophomore year. Those who complete satisfactorily the four years course in Engineering will receive the degree of Sc.B. Students not candidates for a degree will be received at any stage for which an examination shall show them to be fitted, and may remain for any desired time. A circular will be sent to any person desiring further information in regard to the Engineering department, containing the course of study, the cost of tuition, and specimens of the examination papers for admission.

JUNIOR YEAR.

- FIRST TERM Physics. Descriptive Geometry. Field-work, with the Transit and Level. Plotting of Plans and Profiles. Topographical and Mechanical Drawing. English Composition and German.
- SECOND TERM—Physical Laboratory. Shades, Shadows and Perspective. Architectural, Topographical and Mechanical Drawing. English Composition and German.
- THIRD TERM—Field-work, with the Transit and Level. Barometrical measurement of heights. Principles of Mechanism. Engineering and Mechanical Drawing. English Composition and German.

SENIOR YEAR.

- First Term Survey and Location of Roads and Railroads, Earth-work, Rockwork, Tunnelling, Foundations, and Masonry. Estimates for work. Chemistry and Metallurgy of Iron and Steel. Elements of Machinery and application of Drawing to Engineering structures, and to Mechanism. Political Economy.
- SECOND TERM—Nature and strength of wood, iron and steel. Carpentry and Building. Wooden and iron bridges. Railway Superstructure and Equipment. Metal working and study of Machine Tools. General Theory and Details of the various forms of the Steam Engine, and practice in the designing of Engineering works.
- Third Term—River and Harbor improvements. Dams, Locks and Canals. Drainage and Sewerage. Water supply for cities. Measurement of the flow and discharge of water, with modes of estimating its power. Water wheels. Turbines and water-pressure engines. Mills and Mill work. History of Civil and of Mechanical Engineering, and History of Architecture.

POST-GRADUATE INSTRUCTION.

Facilities will be afforded to students who desire to pursue their studies after graduation either with or without a view to a Degree, and to others who wish to pursue special studies, either by themselves, or in connexion with the regular classes, without becoming matriculated members of College.

CABINETS.

The Cabinets, available for purposes of illustration, in the Department of Natural Science, are the following:—

The Museum of the First Geological Survey of Maine.

The Cleaveland and Haijy Collections of Minerals.

The Shattuck Conchological Collection.

The Cushman Ornithological Collection.

The Blake Herbarium.

The Anatomical Museum.

Under certain regulations, the Cabinets are accessible to all students of the College.

By the munificence of the Hon. Peleg W. Chandler, of Boston, the upper portion of Massachusetts Hall has recently been converted into a large and beautiful room for a Cabinet of Natural History, in memory of the late Professor Parker Cleaveland.

The various collections illustrating Natural History belonging to the College will be arranged here, and ample opportunity afforded for advanced study in this department of science.

Contributions to these Cabinets will be gratefully received and acknowledged.

THE GALLERY OF PAINTINGS.

By the Will of the Hon. James Bowdoin, the College in 1811 came into possession of his entire collection of paintings, about one hundred in number, procured by him with great care and expense in Europe, and considered at that time the finest collection in this country. Valuable paintings presented by other donors, including the entire collection of the late Col. George W. Boyd, have since been added. By the favor of its friends the College is still receiving Portraits and Busts of eminent persons, and various works of art, which greatly enhance the value and attractiveness of its collections. The Gallery will be open at Library hours, and admission may be gained at other times for purposes of study by application to the President or Curator.

LIBRARIES.

The number of volumes in the College Library is
Medical Library
Peucinian
Athenæan
Total

The College Library is open for consultation daily, except Sundays.

The rooms, library, and interesting collections of the Maine Historical Society are immediately contiguous to the College Library, and, under regulation, are accessible to all persons who desire to visit them.

MILITARY SCIENCE.

Provision has been made, under the laws of the United States, and through the favor of the State Government, for instruction in Military Science. An officer of the Army is on duty here, and instruction is given to those who desire it in the three arms of the Service, and in the minor operations of war, with an outline of general Military Science. It is not proposed to invade in any degree the regular College course by these studies, but to profit, as far as practicable, by the provision of the Government under which this instruction is afforded as a branch of the public service.

The physical exercises of this department have long been regarded as peculiarly adapted to bring out manly strength and dignity, and to promote habits of obedience and self command, and a spirit of courtesy and honor.

THE GYMNASIUM.

In order to secure proper attention to Physical Culture, a Gymnasium has been put in successful operation. It is provided with the most approved apparatus, and is open every day except Sunday. The exercises constitute a systematic course based upon physiological and hygienic principles, and are under the immediate supervision of the Director, who will strictly prohibit any violent or injurious practice. The salutary effects of this exercise will be perceived not only in the general tone of health and strength among the students, but in the correction of physical defects and weakness, and even of incipient disease in individual cases.

Each student, not for sufficient reasons excused by the Faculty, will be required to elect between the Gymnastic and the Military Exercises.

PECUNIARY AID.

Meritorious students with slender pecuniary means may receive considerable assistance from the College. It should be understood, however, that good capacity, character and conduct, are indispensable conditions on which aid is given.

SCHOLARSHIPS.

BROWN MEMORIAL SCHOLARSHIPS.

A fund has been given for the support of four scholarships in Bowdoin College, by Hon. J. B. Brown, of Portland, in memory of his son, the late JAMES OLCOTT BROWN, A.M., of the Class of 1856.

According to the provisions of this foundation, there will be paid the sum of *Fifty Dollars* annually to the best scholar in each undergraduate class who shall have graduated at the High School in Portland, after having been a member thereof not less than one year. After the year 1875, it is provided that the annual value of these Scholarships shall be increased.

ALFRED JOHNSON SCHOLARSHIPS.

These Scholarships, three in number, of \$1000 each, were founded by the late Hon. Alfred W. Johnson, of Belfast, in memory of his grandfather, Rev. Alfred Johnson, one of the founders and earliest Trustees of the College, and of his father, Hon. Alfred Johnson, one of the earliest graduates and Trustees.

SHEPLEY SCHOLARSHIP.

This is a fund of \$1000, given by the Hon. ETHER SHEPLEY, LL.D., of Portland, late Chief Justice of the Supreme Court of Maine. The income of this is to be appropriated for the aid of students who are studying to enter the ministry of the Trinitarian Congregational or Presbyterian Church.

WILLIAM SEWALL SCHOLARSHIP.

A Scholarship of \$1000, founded by Mrs. MARIA M. SEWALL, in memory of her husband, WILLIAM B. SEWALL, Esq.

MARY CLEAVES SCHOLARSHIPS.

Three Scholarships of \$1000 each, founded by the Will of the late Miss MARY CLEAVES.

MARY L. SAVAGE MEMORIAL SCHOLARSHIP.

This is a Scholarship of \$1000, founded by Rev. WILLIAM T. SAVAGE, D.D., of Franklin, N. H., in memory of his wife, MARY L. SAVAGE, for the benefit of students having in view the Christian ministry of the Evangelical Church.

JOHN C. DODGE SCHOLARSHIP.

A fund of \$1000, given by Hon. John C. Dodge, of Boston, in aid of needy students in the Classical Department. The recipients to rank above two-thirds of their classmates, and to be selected by the donor.

CRAM MEMORIAL SCHOLARSHIP.

This is a Scholarship of \$1000, founded by Hon. Marshall Cram, of Brunswick, in memory of his son, Nelson Perley Cram, of the Class of 1861, who lost his life in the service of his country.

JAMES MEANS SCHOLARSHIP.

A Scholarship of \$1500, founded by WILLIAM G. MEANS, Esq., of Andover, Mass., in memory of his brother, Rev. James Means, class of 1843, who died in Newbern, North Carolina, in the service of the United States.

STEPHEN SEWALL SCHOLARSHIP.

This is a fund of \$1000 given by Deacon Stephen Sewall of Winthrop, the income of which is to be appropriated to aid students preparing to enter the ministry of the Evangelical Congregational Church. No student shall ever have the benefit of this fund who is not entirely free from the common use of tobacco or intoxicating liquors.

CHARLES DUMMER SCHOLARSHIP.

A Scholarship of \$1000, given by Mrs. Almira C. Dummer, in memory of her husband who was for many years a member of the Board of Overseers.

W. W. THOMAS SCHOLARSHIP.

A Scholarship of \$1000, founded by Hon. W. W. Thomas, of Portland.

THE BUXTON SCHOLARSHIPS.

A fund at present amounting to \$1500, contributed by Citizens and Natives of Buxton, Maine, through Cyrus Woodman, Esq., of Cambridge, Mass., in aid of deserving students, preference being given to natives and residents of Buxton.

BENJAMIN DELANO SCHOLARSHIP.

A Scholarship of \$1000, bequeathed by the late Capt. Benjamin Delano, of Bath.

AND EMERSON SCHOLARSHIPS.

A fund amounting at present to \$5215, given by the Will of the late And Emerson, Esq., of Boston, through Rev. Dr. E. B. Webb, the income to go to students studying to enter the ministry of the Orthodox Congregational Church.

BENEFICIARY FUNDS.

LAWRENCE FUND.

This is a fund of \$6000, given by Mrs. Amos Lawrence, of Massachusetts. The income is to be annually appropriated for the payment of the whole or a part of the tuition of meritorious students in Bowdoin College who may need pecuniary assistance, preference being given to those who shall enter the College from Lawrence Academy, at Groton, Mass.

THE LORD FUND.

This is a fund of \$2000, given by Daniel W. Lord, Esq., of Kennebunkport, the income to be appropriated to pay the tuition of meritorious students who in the opinion of the Faculty stand in need of aid. "The aid of this fund shall not be given to students who use intoxicating liquors, or intoxicating and injurious drugs of any kind, such as opium and tobacco, unless prescribed by a physician as a medicine."

THE AMERICAN EDUCATION SOCIETY.

Young men in need of aid, who are studying for the ministry of the Congregational Church, may be assisted by this Society to the amount of \$100 a year.

PRIZES.

The sum of *Thirty Dollars* is annually given to members of the Senior Class as a premium for excellence in English Composition.

Prizes amounting to *Thirty Dollars* are in like manner assigned to members of the Junior Class for excellence in Oratory at their annual Prize Declamation.

A Prize of *Ten Dollars* — called the Sewall Premium — is awarded also to members of the Sophomore Class for excellence in Declamation.

A Prize of Sixty Dollars, established by a donation of \$1150 from the Class of 1868, will be awarded annually to the author of the best written and spoken Oration in the Senior Class.

Two Prizes, one of *Thirty* and one of *Twenty Dollars*, are offered to the Junior Class by Philip Henry Brown, Esq., of Portland, for excellence in extemporaneous English Composition.

A Prize of *Twenty-five Dollars* is offered to the member of the Sophomore Class who sustains the best examinations in Greek, and an equal Prize to the one who sustains the best examination in Latin, at the Annual Examination.

The Bowdoin Association of the East offers a Gold Medal valued at *Fifty Dollars*, or in lieu thereof at option, *Fifty Dollars* in money, — the same to be called "The St. Croix Medal," or "The St. Croix Prize," to the best debater of the Athenæan and Peucinian Societies.

AWARDS IN 1875.

Extemporaneous English Composition.

First Prize — WILLIAM G. WAITT.

Second Prize - ARLO BATES.

Junior Declamation.

First Prize — George T. Prince.

Second Prize — CHARLES A. PERRY.

Sophomore Declamation.

First Prize — CARROLL W. MORRILL.

Second Prize - Curtis A. Perry.

Greek Examination Prize.

GEORGE T. LITTLE.

Latin Examination Prize.

GEORGE T. LITTLE.

Brown Memorial Scholarships.

CHARLES L. CLARKE, Class of 1875; F. C. PAYSON, Class of 1876; Robert E. Peary, Class of 1877; Alfred E. Burton, Class of 1878.

PUBLIC EXHIBITIONS DURING THE YEAR.

Two Public Exhibitions of the Senior and Junior Classes, the appointments to which are made with reference to scholarship.

Prize Declamation by members of the Junior Class.

Prize Declamation by members of the Sophomore Class.

Public competition for 1868 Prize by members of the Senior Class.

Prize Debate of Literary Societies.

Gymnastic Exhibition.

ANNUAL EXPENSES.

Tuition, \$75. Room rent, (half) average, \$25. Incidentals, \$10. Total regular College charges, \$110. Those who use the Laboratory of Analytical Chemistry are charged additionally at the rate of \$5 a term.

Board is obtained in town at \$2.75 to \$4.00 a week. Other necessary expenses will probably amount to \$40 a year. Students can, however, by forming clubs under good management, very materially lessen the cost of living.

Term bills are due at the end of each term, and if not paid within fifteen days after the beginning of the next term, interest will be charged, and students so indebted will not be allowed to attend recitations until their dues are paid. No student will be admitted to a higher class until all his bills due to the College shall be paid, unless for special and extraordinary reasons permitted so to do by the President and Trustees.

TERMS AND VACATIONS.

Commencement on the second Thursday of July.

Vacation, eleven weeks.

The First Term begins Thursday, eleven weeks from Commencement, and closes on the Wednesday preceding Christmas.

Vacation, two weeks.

The Second Term begins on Thursday, two weeks from the close of the first term, and continues thirteen weeks.

Vacation, one week.

The Third Term begins Thursday, one week from the close of the second term, and continues till Commencement.

At the beginning of each term the first College exercise will be morning prayers on Thursday. At the beginning of the first term, one day will be allowed for arranging rooms.

ABSENCE FROM COLLEGE.

It is of the utmost importance that students be present at College during every day of term time, and only an absolute necessity should warrant absence. Excuses for absence will be accepted only for imperative reasons. of the sufficiency of which the Faculty will judge.

When pecuniary necessity makes it unavoidable, students may, upon seasonable petition, and by vote of the Faculty, have leave of absence during a portion of term time when actually engaged in teaching, or in literary or scientific pursuits.

ACKNOWLEDGMENTS.

The following is a list of the more important gifts to the College Library recently received.

From Prof. ALEXANDER AGASSIZ:

All the works of the late Prof. Louis Agassiz, published abroad, which are now to be procured — thirty-seven volumes, and twenty-seven folio volumes of plates.

Illustrated Catalogue of the Harvard Zoölogical Museum, and Bulletin.

Hon. Lot M. Morrill, U. S. S., 17 Vols. Pub. Docs.

DEPARTMENTS AT WASHINGTON, 58 Vols.

Prof. George L. Vose, 7 Vols.

Mrs. Joseph McKeen, 13 Vols.

Hon. E. WILDER FARLEY, 105 Vols. Pub. Does.

Gen. Francis A. Walker, Statistical Tables, U. S. Census.

Hon. John H. Burleigh, M. C., 18 Vols.

Rev. James L. Phillips, Missionary in India, 7 Vols. Sanserit and Oriya.

Prof. Geo. Washington Green, LL.D., 4 Vols.

Miss Eliza Susan Quincy; Prof. C. H. Hitchcock, Dartmouth College; Rev. Dr. Wm. S. Perry; Asa Wilbur, Esq.; Prof. Charles H. Smith; Mrs. Sarah H. Kulloch, Georgia; Mass. Historical, and New. Eng. Hist. and Gen. Soc's.; Committee of Publication. Lexington Centennial;—valuable donations.

GEORGE B. EMERSON, LL.D., Boston:

The new edition of Emerson's Trees and Shrubs of Massachusetts.

Mrs. Anna L. Sweetser, New York:

The valuable library of the late Dr. William Sweetser, formerly Professor in the Medical School of Maine.

Among other recent gifts of a more general nature, not before acknowledged, are the following.

From Dea. Stephen Sewall, Winthrop:

His Portrait, painted in 1820.

From Mrs. MARGARET A. ELTON, of Boston:

The celebrated collection of geological and mineralogical specimens formerly belonging to her mother, the late Mrs. Frederic Allen, of Gardiner, Maine.

This Cabinet embraces more than a thousand specimens, and includes interesting and valuable collections from Mutius Tommasini, President of the city of Trieste, Austria; also from the Directors of the mines, specimens from the lead mines of Carinthia, and from the mines of Bleiberg, Raible, Hütenberg, and the mountains of Carinthia.

Seventy-five specimens of lava from the various eruptions of Mount Etna, from epochs as far back as the time of the Sicani, the earliest inhabitants of Sicily known to history; nine boxes containing crystals, ashes, etc.; four sets of earrings, three sets of brooches, crystals of analcime,—are from Abbate Mario Gemmallaro of Nicolosi, Mount Etna, together with his map of Mount Etna and the medallion struck in honor of his discoveries by order of the government. Accompanying these is the famous map by his brother, Giuseppi Gemmellaro, Catania, showing chronologically the various eruptions of Etna.

There are also specimens from Signor Fernando Cosantino, President of the University of Catania, Sicily, and from Dr. Buckland, canon of Christ's Church, Oxford, author of the Bridgewater Treatise on Geology; fossils received from Sir Charles Lyell; and other specimens from many eminent American mineralogists and geologists, together with the rich collection from the tertiary formation in Gardiner, Maine, which Mrs. Allen was the first to discover.

MEDICAL FACULTY.

JOSHUA L. CHAMBERLAIN, LL.D., PRESIDENT.
CHARLES W. GODDARD, A.M.
ALONZO B. PALMER, M.D.
WILLIAM W. GREENE, M.D.
ALFRED MITCHELL, M.D., SECRETARY.
THOMAS DWIGHT, JR., M.D.
BURT G. WILDER, M.D.
FREDERIC H. GERRISH, M.D.
HENRY CARMICHAEL, PH.D.
ERASTUS E. HOLT, M.D.
DANIEL F. ELLIS, M.D.

MEDICAL STUDENTS.

FEB. — JUNE, 1876.

NAME.

Charles Edward Abbott,
Mellen Vinton Adams,
Charles Edward Banks,
Charles Hubbell Barker, jr.,
John Franklin Benjamin,
George Roby Bennette,
John Lang Bennett,
Homer Fremont Benson,
Herman Irving Berry,
Josiah Peet Bixby,
Roscoe Ellsworth Brown,

James Laurian Budge,

RESIDENCE.

Lee,

PRECEPTOR.

P. C. Jones.

Lawrence, Mass., C. N. Chamberlain. Enoch Adams. Litchfield, Portland, H. N. Small & P. S. M. I. C. H. Barker. Wayne, J. B. Benjamin. Carmel, J. C. Eastman. Hampstead, N. H., E. F. Severance. Parsonsfield, John Benson. Newport, Farmington, N. H., D. T. Parker. Petersham, Mass,, A. K. P. Meserve & P. S. M. I. H. H. Cole & P. S. M. I. Sebago,

Albert Currier Buswell,	Weare, N. H.,	A. R. Dearborn.	
Frederick Chandler,	North Fryeburg,	Isaac Chandler.	
Hiram Rand Corson,	Upper Stillwater,	R. D. Bibber.	
James Craig,	Dixmont,	S. W. Johnson.	
Charles Henry Cumston, A.M.,	Monmouth,	D. E. Marston.	
Jabez Henry Cushman,	West Pownal,	A. Q. Marshall.	
Leander Almarin Dascomb,	Wilton,	A. B. Adams.	
Thomas DeLaCour DesBrisay,	Bridgewater, N. S.,	Thomas B. Des-	
Charles Alonzo Dorr,	Brisay and J. S. Calder. Centre Sandwich, N.H., A. Mitchell.		
William Abram Drake,	$ {Norway},$	O. N. Bradbury.	
Arthur Llewellyn Emerson,	Bristol, N. H.,	H. B. Fowler.	
Albert Edson Farnham,	Pitts field,	W. S. Howe.	
Marcellus Hazen Felt,	Winchester, N. H.,	A. H. Taft.	
Franklin Pierce Fisher,	New London, N. H.,	S. M. Whipple.	
Louis Caleb Ford,	Atkinson,	E. P. Snow.	
Willie Hudson Foster,	East Monmouth,	D. E. Marston.	
Frank Herbert Gardner,	Corinna,	F. C. Gardner.	
Alonzo Randall Garey,	Spring Vale,	C. P. Gerrish.	
Fred Herbert Gibson,	Norway,	O. N. Bradbury.	
Elmir Gray,	Harrison,	J. H. Kimball.	
Mellen Greene,	Mechanic Falls,	H. D. Torrey.	
Lucian Hayden Guptill,	Eliot,	C. H. Guptill.	
Samuel Hanson,	Houlton,	B. Bussey.	
George Herbert Hawley,	Bath, A. J	. & E. M. Fuller.	
Edgar Dwight Hill,	Biddeford, B. N. Towle & P. S. M. I.		
John Fremont Hill,	Eliot, C. H. Guptill & C. E. Leighton.		

Herbert Stillman Hutchinson, A.B.	.,Milford, N. H.,	T. B. Dearborn.	
Isaac Chase Irish,	Turner,	H. L. Irish.	
Frank Edward Jones,	South China,	B. L. Tibbets.	
Irving Ellis Kimball,	Searsport,	E. Hopkins, Jr.	
David Ashby Kincaid,	Cape Elizabeth Ferry	J. W. Lowell.	
Frank Joseph King,	Providence, R. I.,	W. H. & D. O. King.	
Joseph Foster Land,	Portland, S. P. Gete	hell & P. S. M. I.	
George Edward Lane,	Brunswick, Lin	ncoln & Mitchell.	
Roger John Lang,	Lowell, Mass.,	W. M. Hoar.	
Walter Willis Larrabee,	Portland,	S. P. Getchell.	
Winfield Scott Laton,	Etna,	R. P. Grindle.	
James Mellen Leavitt,	Effingham, N. H.,	Merrow & Dearborn.	
George Melville Lee,	South Berwick,	C. P. Gerrish.	
Caleb Cumming Libby,	Thomaston,	C. S Chase.	
George Willard Libby,	Saccarappa, W. B. Cobb & P. S. M.I.		
Daniel Ozro Smith Lowell, A.B.,	Denmark, P. C	C. Willey & J. H. Kimball.	
Irving Mabry,	Hiram,	M. E. Swett.	
George Frank Merrill,	Newport,	John Benson.	
James Seavey Moore,	Ellsworth,	R. P. Grindle.	
Gustavus Judson Nelson,	China,	Crosby & Wilson.	
Charles Eliakim Norton,	Augusta,	W. S. Hill.	
Fred Bennett Oakes,	Portland,	P. S. M. I.	
Daniel Prescott,	Dixmont,	W. C. Gorden.	
George Elmer Pierce,	Biddeford, B. N. Towle & J. Flemnan.		

Alvah Augustus Plummer, Frank Mason Putnam, Thomas Freeman Quinby, William Hudson Rand, Frank Alvin Rogers, William Luther Sampson, George Hosley Shedd, Henry Herbert Smith, Albert Linscott Stanwood, Robert Given Stanwood, A.B., Silas Appleton Stephens, George Lamb Stimpson, Oscar Whitney Stone, William Hillman Sylvester, James Houlton Syphers, Augustus Littlefield Tallman, George Barstow Tebbets, Alonzo Gardiner Trafton, Walter James Tucker, Walter Lessley Turner, John Adam Twaddle, Joseph Bellis Twaddle, Frank Pierce Virgin, A.B., Joseph Armour Wade, A.B., Abram Guillermo Wendell,

A. Mitchell. Topsham, Winthrop, A. P. Snow & P. S. M. I. Deering, B. B. Foster & P. S. M. I. Richmond. Newfield, I. M. Trafton. Charleston, Huckins & Sanger. Norway, O. N. Bradbury. Machias, J. H. Robbins. Brunswick, J. Caldwell. C. A. White. Brunswick, A. J. & E. M. Fuller. Bath, I. S. Curtis. Warwick, N, Y., F. N. Wheeler. Exeter, Dover, N. H., W. P. Sylvester. Mars Hill, B. Bussey. R. D. Bibber. Bath, Searsport, E. Hopkins, Jr. B. F. Merrill. Alfred, Concord, N. H., E. H. Foster & S. C. Morrill. South Dover, E. A. Thompson. Weld, J. R. Eaton. Weld, C. W. Taggart. Concord, Gage & Conn. St. Andrews, N. B., W. T. Black. Lima, Peru, S. A., A. Wendell & J.

Linscott.

Jacob Brackett Wentworth,	Brown field.	J. P. Sweat.
George Henry Weston,	Augusta,	G. E. Brickett.
William Asa Wheeler, A.B.,	Portland,	W. W. Greene.
Albion Stinson Whitmore, A.B.,	Brunswick.	S. Whitmore.
John Lemuel Murray Willis,	Eliot,	C. H. Guptil.
Henry David Worth,	Corinth,	Jason Huckins.

MEDICAL SCHOOL OF MAINE.

THE MEDICAL SCHOOL OF MAINE, by an Act of the Legislature, is placed under the superintendence and direction of the Board of Trustees and Overseers of Bowdoin College. By their joint authority all the degrees of M.D. are conferred.

The 57th Course of Lectures will commence February 15th, 1877, and continue sixteen weeks. The Introductory Lecture will be delivered at 3 o'clock P. M.

Students on arriving should call at once on the Registrar of the College, Dr. Ellis, to enter their names, present their certificates, and purchase their tickets. They may also obtain from him all necessary information in regard to boarding-houses.

Price of Board from \$3.00 to \$5.00 per week.

TERMS OF ADMISSION.

The Fees for admission to the several Courses of Lectures, payable in advance, and by cash only, are \$75. Matriculation, or Library Fee, payable each term, \$5.

Pupils who have attended two full courses of Medical Lectures, one of which has been in this School, are admitted to all subsequent courses without payment of any Lecture Fees.

Students who have attended two full courses at other regular Medical Institutions, are required to pay \$25 for admission to their first course of Lectures at this School, in addition to the Matriculation Fee.

The Graduation Fee, including the Diploma, is \$20.

No student will be allowed to attend any course of lectures in this School without the certificate of the Secretary. Members of the medical profession are cordially invited to attend the lectures at any time.

Graduates of other Schools, who have been engaged three years in the regular practice of medicine, may receive a general ticket upon presentation of their diplomas and payment of the matriculation fee. Every student is expected to remain till the close of the term. Those who are absent during any portion of the term will receive certificates of actual attendance only.

LIBRARY.

The Medical Library attached to this School is one of the best in the United States. It contains about 4000 volumes, principally modern works, which have been selected with much care, and is annually increasing. It embraces the works of all authors of standard authority, also an extensive and valuable collection of Plates.

Each member of the Medical Class is entitled to borrow two volumes a week from the Library. Those who are candidates for examination for the degree of M. D., during the year, are permitted to exchange their books twice a week.

ANATOMICAL CABINET.

The Anatomical Cabinet was purchased in Paris, and many of the preparations were there made under the direction of the late Professor Thillaye. Its valuable specimens of Morbid and Comparative Anatomy are constantly increasing. It has during the past year been thoroughly re-arranged and enriched by valuable purchases abroad. Prof. Dwight has recently prepared frozen sections of various anatomical regions. This form of preparation it is believed is not to be found in other American Cabinets.

PHYSIOLOGY.

The Faculty desire to call attention to the establishment of a separate chair of Physiology, which important Department was until three years since connected with that of Anatomy, to the manifest disadvantage of both.

The Faculty also take pleasure in announcing that Prof. Gerrish will, in addition to his usual instruction, give a short course of lectures upon Public Health. This will be a gratuitous service, but one of special value and importance. It is rarely that an opportunity for specific study of this subject is afforded.

CHEMISTRY.

The Chemical Department embraces every article of apparatus essential to a complete illustration of the principles of Chemistry.

Students may also avail themselves of the facilities afforded for the study of Analytical Chemistry in the College.

CLINICS.

Clinics are held every SATURDAY MORNING during the term. Patients requiring medical or surgical advice and treatment may present themselves on Saturday mornings from 8 to 11 o'clock.

All examinations in the presence of the Class are made without charge. All surgical operations are gratuitously performed.

TEXT BOOKS.

ANATOMY — Wilson and Grey.

Chemistry — Beilstein's Elements of Qualitative Analysis, Roscoe's Chemistry, Galloway's Manual of Qualitative Analysis, Fresenius Quantitative Chemistry, Hoffman's Introduction to Modern Chemistry.

Physiology — Flint, Marshall, Dalton.

MATERIA MEDICA AND THERAPEUTICS—H. C. Wood, Biddle, Stille, Waring, Ringer, Headland.

PRACTICE OF MEDICINE — Aitken, Niemeyer, Flint, Watson, Wood, Tanner.

PATHOLOGICAL HISTOLOGY — Reindfleiseh, Virchow.

DISEASES OF CHILDREN — J. L. Smith, Vogel, West, Condie.

SURGERY — Gross, Erichsen, Druit, Greene's Questions.

SURGICAL PATHOLOGY — Billroth, Paget.

MIDWIFERY—Cazeaux, Leishman, Tyler Smith, Schroeder, Bedford, Barnes' Obstetric Operations.

DISEASES OF WOMEN — Thomas, Barnes, Schroeder.

MEDICAL JURISPRUDENCE — Tyler, Ordronaux, Beek.

EXAMINATIONS AND GRADUATION.

Students, and particularly candidates for a Degree, are examined either daily or weekly on the subjects of the Lectures.

The Faculty believing that it is desirable for students to pay especial attention to the primary branches during the first portion of their course of study, in order that they may be better prepared to appreciate the more advanced subjects in the latter part, have voted that any student may present himself for examination in Anatomy, Physiology and Chemistry (any or all), at the regularly appointed time for examination, provided he previously presents to the Secretary satisfactory evidence that, at the close of the current term, he shall have completed at least twelve months of actual study, and have attended a full course of lectures in this School. From the terms of the vote, this course will be recognized as a voluntary one. An official record of the result of the successful examination will be kept. The successful passage of an examination will not exempt a student from faithful attendance upon any exercises in any department during subsequent courses.

The examinations for the Degree of Doetor of Medicine are held by the Faculty of Medicine at the close of the course of Lectures, and also on the second Monday before the annual Commencement of the College, which oecurs on the second Thursday in July. Degrees are conferred at Commencement.

The candidates must be twenty-one years of age, and must have devoted three years to their professional studies under the direction of a regular Practitioner of Medicine. They must have attended two full courses of Lectures in some regular, incorporated Medical Institution; and the last course, previous to examination, must have been at this School. They must deposit with the Secretary of the Faculty satisfactory certificates of good moral character, and of having pursued their Medical Studies for the required term. They must also pass a satisfactory examination in Anatomy, Physiology, Surgery, Chemistry, Materia Medica, Pharmacy, Obstetrics, Pathology and Practice. They must also read and defend a Thesis or Dissertation on some Medical subject in the presence of the Faculty of Medicine.

A fair copy of the Thesis or Dissertation must be deposited with the Secretary of the Faculty at least ten days before the commencement of the Examination at the close of the Lectures. These copies are preserved in the Medical Library.

The foregoing is a brief statement of the means of acquiring Medical knowledge which may be enjoyed at this Institution. No efforts will be spared which may tend to render these means beneficial, and to promote the instruction of pupils in Medical Science.

SUMMARY.

Medical Students		93
Senior Class	43	
Junior Class	49	
Sophomore Class		
Freshman Class	33	148
Total		

ABBREVIATIONS.

A. H., Appleton Hall. M. H., Maine Hall. W. H., Winthrop Hall. P. S. M. I., Portland School for Medical Instruction. L. S. M. I., Lewiston School for Medical Instruction.

CALENDAR.

1876.

- Jan. 6. Second Term commenced, Thursday.
- Feb. 17. Medical Session commenced, Thursday.
- Apr. 3. Exhibition of the Senior and Junior Classes, Monday evening.
- Apr. 4-5. Examination of all the Classes, and close of Term, Tuesday and Wednesday.

VACATION OF ONE WEEK.

- Apr. 13. Third Term commences, Thursday.
- June 5. Public Competition by Seniors for Class of 1868 Prize, Monday evening.
- June 6. Examination of the Senior Class.
- June 8-10. Examination of Medical Class.
- July 3. Prize Declamation of Sophomore Class, Monday evening.
- July 3-5. Examination of the three lower Classes.
- July 9. Baccalaureate Address.
- July 10. Prize Declamation of the Junior Class, Monday evening.
- July 10-13. Annual Meeting of Trustees and Overseers.
- July 13. Commencement, Thursday.
- July 14. Examination for admission to College.

VACATION OF ELEVEN WEEKS.

- Sept. 28. Examination for admission.
- Sept. 29. First Term commences.



