

THIRD

ANNUAL CATALOGUE.

1871-72.

WITH MINUTES OF THE

EIGHTH ANNUAL MEETING

OF THE

STOCKHOLDERS.

SWARTHMORE, PA.

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SWARTHMORE COLLEGE.

THIRD

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1871-72.

WITH MINUTES OF THE

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SWARTHMORE, PA.

PHILADELPHIA:
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No. 135 North Third Street.
1872.

Corporation.

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Catalogue

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VM. CANBY BIDDLE,

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S.: GREANA

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flicers and Committees of the Board.

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INSTRUCTION.

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WILLIAM B. PHILLIPS, A. M.

MARIA L. SANFORD.

THOMAS W. LAMB, A. M., M. D.

THOMAS S. FOULKE, Superintendent.

Afficers of Hovernment and Anstruction.

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Professor of History.

Professor of Mathematics.*

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^{*}The duties of this chair are, at present, performed by Susan J. Cunning-ham.

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SUSAN W. JANNEY,

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ELIZABETH S. OWEN,

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WILLIAM E. KERN,

Teacher of Mechanical Drawing.

Students.

COLLEGIATE DEPARTMENT.

JUNIOR CLASS.

. Sandy Spring, Md.

Mt. Washington, Md.

Moore, Hetty Townsend.

Woolston, Elizabeth Stockton, . . .

Pierce, Lydia Maria Child,						Pleasantville, N. Y.
Taylor, Lowndes,						
Worth, John Sharpless,						
SOPHO	OMO	or	E	C	Ľ.É	ASS.
Bedell, Bradbury,						Athens, N. Y.
Byerly, Martha Gibson,	á					Orange, N. J.
Conraw, George E. B., .						Philadelphia.
Darlington, Alice Lea,						Philadelphia.
Deacon, Joseph F.,						
Evans, Ellen II.,						West Chester.
Fairlamb, Joseph Maris, .						
Griffen, Anna Titus Valentino	,					Brooklyn, N. Y.
Hall, Amy Williams, .						
Haviland, Alfred Tredway,						
Hibbard, Mary,						
Hoopes, Herman,						
Letchworth, Elizabeth Thornt						
Lukens, Annie Mary,						
Price, Ferris Walton,						
Proeter, Mary Goldsmith,						
Steele, John Hall,						

FRESHMAN CLASS.

Bilderback, Alfred,		• .		Salem, N. J.
Booth, John Broomall, .			٠	Chester.
Cavender, Mary,				Philadelphia.
Conrow, William Henry,				Philadelphia.
Cooke, Samuel Boone,				Waynesville, Ohio.
Corlies, Franklin Haines,				Poughkeepsie. N. Y
Cowgill, Alice Clark,				Dover, Del.
Evans, David,				Waynesville, O.
Field, Fannie Ellis,				Brooklyn, N. Y.
Griffen, Walter Haydock,				New York City.
Hancock, Lydia Lippincott,				Philadelphia.
Hanes, Lizzie,				Woodstown, N. J.
Harrison, Annie P.,				Cedarville, Ohio.
Heilner, Benjamin Franklin,				Tamaqua.
Hooper, Edith Robinson,				Titusville.
Hoopes, Barton, Jr., .				Philadelphia.
Jones, William Hill,				Norristown.
Lewis, John Reece, .				Media.
Lippincott, Franklin,				Westville, N. J.
Lippincott, Howard White,				Philadelphia.
Lord, Ellen,				Orange, N. J.
Mattson, Thomas Levi,				Philadelphia.
McIlvain, Martha				Philadelphia.
Pancoast, Ada Byron, .				Philadelphia.
Richards, John Kelvey, .				-
Roberts, Susan Abbott, .				
Satterthwait, Lydia Paul, .				
Scull, Anna Malandra, .				
Valentine, Richard K., .				
Washburn, Franklin Joshua,				
Wharton, William Rodman,				Philadelphia.

PREPARATORY DEPARTMENT

CLASS A.

Barker, William S.,		New Brighton.
Barker, William S.,		Norristown.
Biddle, Anne.		Chaddsford.
Bradley, Arthur W.,		Philadelphia.
Brooke, Charles,		West Haverford.
Broomall, John Martin,		Media.
Bunting, George Miller,		Darby.
Cadwallader, William Yardley.		Yardleyville.
Cady, Alice May,		Columbus.
Cake, Horace Mann,		Cape May, N. J.
Cauby, Laura,		Baltimore, Md.
Cavender, Charles,		Philadelphia.
Comly, Helen Trump		Byberry.
Elliott, Mary Platt Fairlamb, Thomas Howard,		Wilmington, Del.
Fairlamb, Thomas Howard,		Media.
Godet, Rachel Barker,		Philadelphia.
Hall Charles Jones		Philadelphia.
Harbaugh, Caroline Mary, Harbaugh, Sophronia Elizabeth,		Sewickley.
Harbaugh, Sophronia Elizabeth,		Sewiekley.
Hicks, Phebe		Old Westbury, N. Y.
Hunt, David,		
Jamison, Kate,		Philadelphia.
Janney, Anna Miller		Hillsboro', Va.
Keese Oliver		Titusville
Kelly, Levi Hatton,		Waynesville, Ohio.
Lippincott, William Vinicum,		Washington, D. C.
Longstreth, Elizabeth Jackson,		Darby.
Magill, Chalkley Harvey, .		New Hope.
Magill, Eudora,		
McClure, James Traquair		Philadelphia.
McIlvain, Emma,		Philadelphia.
McIlvain, Emma, McKinley, William Gibson,		Harrisburg.
Merritt, Daniel Tobey.		. Millbrook, N. Y.

William to we man				400
Middleton, Arthur Howell, .	•		•	
Mitchell, Edwin, Jr.,	•	•		Philadelphia.
Mulford, Mary B.,				Millville, N. J.
Mitchell, Edwin, Jr., Mulford, Mary B., Ogden, Clement Reeves, Ovaitt, Eugenia Estella, Pardee, Merit William, Patterson, Mary Lizzie, Price, Family Thomas				Woodbury, N. J. Bennington, Vt.
Ovaitt, Eugenia Estella,				2501111115
Pardee, Merit William, .				Columbus.
Patterson, Mary Lizzie,				New Castle.
Trice, Ferris Thomas, .	•	•		Philadelphia.
Ridgway, william Hance, .				Coatesville.
Roberts, John S., Jr.,				Brooklyn, N. Y.
Rutter, Hester Kniffen				Philadelphia.
Sloan, Rachel,				Philadelphia.
Smedley, Mary Martin				Willistown.
Smith, William Tabor,				Brooklyn, N. Y.
Steward, Charles Massey, .				Trenton, N. J.
Thomas, Edwin,				Catasauqua.
Tomkinson, Maggie Skillman,				Philadelphia.
Tomlinson, Evans Hutchins,				Mt. Holly, N. J.
Troth, Oliver,				Medford, N. J.
Twining, Rebecca Roman,				Yardleyville.
Walker, Richard Lawrence, Jr.,	, .			New York City.
Walter, Emile,				Englewood, N. J.
Watson, Isabella Grier,		1		Sewickley.
Whinery, Leona M.,				Salem, Ohio.
Willets, Charlotte Moore, .				Jericho, N. Y.
Willets, Matilda,				T 1 1 27 77
Willits, Mary,				Maiden Creek.
Wimer, Caroline,				Philadelphia.
Worth, William Penn,				Coatesville.
Wimer, Caroline,				Media.
CL	A.SS	B.		
Battelle, Frederick Cutler, .				Philadelphia.
Battelle, William Smull,				Philadelphia.
Beatty, Ella Maria.				Media.
Beatty, Ella Maria, Bunting, Harry Mulford, Chamberlain, Henry Clarence,				Philadelphia
Chamberlain, Henry Clarence		•	•	Camden, N. J.
onamountain, monty outlines,	•		•	Camaen, IV. J.

. Philadelphia.

Washington, D. C.

. Washington, D. C.

Chambers, Simon Bernard,

Colley, Edward, . . .

Colley, Frank, .

Corlies, Phebe L.,	Danish kasar in V. V
Corson, Norman Benjamin, .	
Davison, Alexander Young, .	Frederick City, Md
Denegre, Edward,	
England, James Reuben,	
Fetterman, Thomas Moore,	Philadelphia.
Field, Henry Cromwell,	
Foulke, Abigail Walton, .	Spring House.
Gaiterman, Joseph Alexander.	. Port Carbon.
Harbaugh, Sarah Springer, .	
Hatch, Charles Edward Lex, .	
Hicks, Rachel,	Old Westbury, N. Y.
Howard, Elizabeth,	. · . Orange, N. J.
Jones, Caroline Haydock	Three Tuns
Julian, Frederick Hoover,	Centreville, ind.
Kinsey, Charles Satterthwaite,	
Miller, Hannah John	Media.
Neale, Mary Louisa,	. Brooklyn, N. Y.
Osborn, Charne,	Middletown, M. J.
Osborn, Frank,	Middletown, N. J.
Osborn, Mary W.,	Middletown, N. J.
Pancoast, Albert,	Alameda, Cal.
Pancoast, Anne Cooper,	
Paucoast, Franklin,	Sharpstown, N. J.
Parrish, Mary,	Riverton, N. J.
	New Castle.
Risdon, Sarah,	Mount Holly, N. J.
Roberts, Rebecca Hunt,	Burlington, N. J.
Shedwick, George Washington,	Philadelphia.
Smedley, Rebecca Garrett, .	Willistown.
Smith, George Peyton,	Philadelphia.
Webster, Thomas, Jr.,	Philadelphia.
Willets, Isaac D.,	Flushing, N. Y.
Willets, Walter Restore Jones,	. Old Westbury, N. Y.
Willets, Walter Restore Jones, Wimer, William Woodfield, .	Philadelphia.
Wood, Thomas Dewees,	
Zell, Sarah Jane,	Westover, Md.
	SS C.
Baeder, Heary Hudson,	Finiadeipma.
Beatty, John Franklin,	Media.

Poll Edmind Hans	T
Bell, Edmund Haves,	Desister.
Bruere, John Hankons,	
Burnley, John Edward,	Come Mary N. I.
Cake, Edward Knight, Cassin, Isaac Sharpless, Jr.,	Distributes
Cassin, Isaac Sharpless, Jr., Cassin, John,	Dhiladeiphia.
Cassin, John,	rmiadeipma.
Clam William E E	Dhiladalahia
Clow, William E. E., Comly, Franklin Ayers,	Finiadelphia.
County, Frankfill Ayers,	Described M. W.
Cromwell, Everett,	
Davis, Robert Jones,	. Bordentown, N. J.
Davison, Lewis Drexel, .	. Morton.
Dick, John,	. Philadelphia.
Dorsey, Frances,	Philadelphia.
Drawvant, Ellen E.,	. Elizabethtown.
Fetterman, Elizabeth Crawford,	
Guiterman, William Swain, .	Port Carbon.
Hall, Harrison Clarke, Hallowell, William S.,	Swarthmore.
Hallowell, William S.,	. Fairton, N. J.
Hart, Marilla C.,	Philadelphia.
Henderson, Frank Clarence, .	. Philadelphia.
Henderson, Ida,	Philadelphia.
Heyer, Charles Henry Foster, .	. Johnstown.
Hough, Emily Louise, Lang, James Traquair,	West Meriden, Conn.
Lang, James Traquair,	Media.
Lester, Annie, Levis, Garrett Harrison,	Quakertown.
Levis, Garrett Harrison,	. Kelleyville.
Lewis, John Howard,	Oakdale.
Lewis, Mary,	. Oakdale.
Lewis, William Ashbuil, .	. Lenni.
Linderman, Henry Richard, .	Philadelphia.
Lippincott, Elisha Eden,	Long Branch, N. J.
Magill, Beatrice,	Swarthmore College.
Magill, Gertrude Burleigh, .	Swarthmore College.
Magill, Francis Gardner,	Swarthmore College.
Mench, Adaline,	Philadelphia.
Mitchell, Frank Sibley,	Philadelphia.
Mitchell, Jeannie Carr, Moore, Thomas Leggett,	Philadelphia.
Moore, Thomas Leggett,	Sandy Spring, Md.
Moore, Marmaduke Waverly,	, . Philadelphia.
Neale, George Henry,	Brooklyn, N. Y.

Newhall, Anna P.,	. Philadelphia.
Pancoast, Annie,	. Alameda, Cal.
Paterson, Frank,	. West Chester, N. Y.
Paxson, Anthony Burton, .	. Philadelphia.
Penfield, Blanche Carrie,	•
Perot. Francis Jr	
Perot, Francis, Jr., Peterson, Charles Lehman,	Philadelphia.
Potts George Henry	. New York City.
Potts, George Henry, Randolph, Nathaniel Archer, .	Chaddsford.
Seattergood George Korsey	. Philadelphia.
Scattergood, George Kersey, . Scattergood, Israel Middleton, .	. Philadelphia.
Sharp, Benjamin,	. Philadelphia.
	•
Sharp, Leedom,	
Shermer, Isabella Dillon, .	Philadelphia.
Shermer, Joseph Hooker,	Baltimore, Md.
Shoemaker, Alvin Tomlinson,	
Smith, Edwin,	
Smith, James Chalmers, .	Philadelphia.
Smith, Mary Elizabeth, Tomlinson, William Brinkerhoff,	
Vandervoort, Abram,	
Walter, Helen,	. Englewood, N. J.
Weaver, Valentine Wagnet, .	Alburtis.
White, Lydia Zabriskie, White, Mary Frances,	. Closter, N. J.
White, Mary Frances,	· Closter, N. J.
Wilson Mary,	Wheeling, W. Va.
Wilson, Daniel Mifflin,	. Dover, Del.
Yates, Enima Achsah,	Columbus.
Young, Alexander Davison, .	Morton.
STIMI	TARY.
the second secon	
	Department.
Juniors,	7
Sophomores,	
Freshmen,	
	Department.
Class A,	
Class B,	45
Class C,	
Total,	236

STUDENTS FROM

Pennsylvania,							. 145
							30
New York,							. 28
** 1 1							7
Ohio, .							. 6
Washington, D.							6
							. 3
California, .							2
Indiana, .							. 1
Virginia, .							1
West Virginia,							. 1
Georgia, .							1
Connecticut,							. 1
Vermont, .							
Tota							. 230



SECTION I.

ADMISSION.

Applicants for admission to the Preparatory Department must be at least twelve years old.

No student shall be admitted without satisfactory testimonials of good moral character; and students coming from another college or school shall present a certificate of honorable dismission from the institution left.

Candidates for admission to Class C will be examined in the elements of English Grammar, Reading, Spelling, Modern Geography, and in Arithmetic, through Decimal Fractions.

Candidates for admission to the advanced classes of the Preparatory Department, will be examined also in the studies of the classes below that which they propose to enter.

Candidates for admission to the Freshman Class will be examined in the ordinary English branches; in Algebra, as far as Quadratic Equations, and in the first five books of Davies' Legendre's Geometry; in Harkness' Latin Grammar, Harkness' Reader, and Casar de Bello Gallico; also in Magill's French Grammar and Introductory French Reader. For the examination in either Latin or French, an examination in the elements of Chemistry, and Natural Philosophy will be accepted as an equivalent.

Candidates for any higher class will be further examined in the studies of the course which precede those of that class, for which, however, as in all the examinations, real equivalents will be accepted.

Students not candidates for degrees are examined only so far as to ascertain their ability to pursue the studies of the class or classes which they propose to enter.

Applications for admission for the next school year should be made as early as possible by letter to the Principal, accompanied in all cases by the required testimonials of good moral character.

Candidates must present themselves for examination at 12 o'clock, on Third-day, the 7th of the Ninth Month, 1872.

SECTION II.

DEGREES.

In order to become a candidate for the first degree, or the degree of A. B., the student must have pursued twelve annual courses, which comprise the studies of four years, with three studies in each year, and have passed satisfactory examinations.

No examination in any course shall be deemed satisfactory, unless at least 25 per cent. of correct answers be given. Of these twelve courses, two, at least, must have been in Mathematics; one in English Language and Literature; one in History; one in Physics and Chemistry; and two in an ancient or a modern language. For the remaining studies, a selection of such as are preferred shall be made from the regular course as prescribed in the catalogue.

The second degree, or the degree of A. M., will be given three years after graduation to those students who, after receiving their first degree, shall have devoted themselves to scientific or literary pursuits.

A degree of C. E. will be given to those students who shall have satisfactorily completed the course in Civil Engineering, as explained in the next section.

Every facility is offered to those who wish to become proficient in Special Departments. Students not candidates for degrees may pursue their studies for a single year or for a longer period in any classes which they are qualified to enter; and they shall be entitled to certificates of proficiency in any department in which they shall have completed the required studies, and passed a satisfactory examination.

SECTION III.

COURSE OF STUDY.

I. MATHEMATICS.

- CLASS C. Brook's Normal Written and Brook's Normal Mental Arithmetic, through percentage.
- CLASS B. Brook's Normal Written and Brook's Normal Mental Arithmetic, finished; Brook's Algebra, begun,
- Class A. Brook's Algebra, to Quadratic Equations; Davies'.

 Legendre's Geometry, five books.
- FRESHMAN CLASS. Alsop's Algebra, through Quadratic Equations; Gummerc's Plane Trigonometry and Surveying; Gillespie's Surveying.
- SOPHOMORE CLASS. Lewis' Plane and Spherical Trigonometry, and Conic Sections; Alsop's Algebra.
- JUNIOR CLASS. Davies' Analytical Geometry; Davies' Differential and Integral Calculus.
- N. B. Candidates for the Degree of A. B. are required to pursue the Mathematical course until the end of the Sephomore Year; those for the Degree of C. E., until the end of the course.

II. ENGINEERING.

The required course of study in this department, in addition to the subjects below named, includes the entire Mathematical course, as exhibited in the first article of this section. Such optional studies will also be assigned as the time of the student shall allow.

Freshman Year. Geometrical Drawing. Theory of Projections.

Isometrical Drawing. Physics.

SOPHOMORE YEAR. Drawing. Descriptive Geometry. Shading, Shadows and Linear Perspective. Tinting. Land Surveying and use of Instruments. Physics. JUNIOR YEAR. Mechanics. Topographical Drawing. Machine Drawing. Lettering. Railroad Construction, including Field Work and Lectures upon the subject. Theory, adjustment and use of Instruments.

SENIOR YEAR. Mechanics. Resistance and strength of Materials.

Fundamental principles of Trussed Bridges.

This subject is taught by Text books and Lectures, and sufficient practice to enable a diligent student to acquire a good knowledge of ordinary field operations.

III. CHEMISTRY.

The instruction in Chemistry includes practice in the Laboratory under the supervision of an instructor, the study of text books, and lectures. It comprises the following courses, distributed through four years, viz:

1. Simple Manipulations and Synthesis.

- 2. Elements of Inorganic and Organic Chemistry, and Chemical Physics.
 - 3. Qualitative Analysis.
 - 4. Quantitative Analysis.

FIRST YEAR. 1. Taking the Specific Gravity of Solids and Liquids.

2. Preparing solutions in different Solvents. 3. Preparing Precipitates. 4. Preparing Crystals by fusion, evaporation and sublimation. 5. Preparing distilled water. 6. Use of the Blow-pipe with simple substances. 7. Preparing colored flames. 8. Preparing Inks. 9. Preparing Tinctures and Essences. 10. Taking Photographic impressions. 11. Electroplating. 12. Tests.

SECOND YEAR. Elements of Inorganic Chemistry, with text book, in connection with which students experimentally demonstrate for themselves the leading facts and principles of the science, by work in the Laboratory. Chemical Physics

and Organic Chemistry commenced.

THIRD YEAR. Chemical Physics and Elements of Organic Chemistry. Preparing Re-agents for Qualitative Analysis.

Qualitative Analysis commenced.

FOURTH YEAR. Qualitative Analysis in the Humid and Dry Way, of: 1. Thirty aqueous or acid Solutions of simple salts; 2. Thirty dry substances, containing one acid and one base, by the Blow-pipe; 3. Four to ten Solutions with three to

six Bases, in different groups; 4. Four to ten Solutions with four Bases, in the same group; 5. Ten dry Substances, with three to six Bases, and acids; 6. Examination of Minerals.; 7. Spectral Analysis, with the use of the Spectroscope and Microscope.

Quantitative Analysis, in the Gravimetric or Volumetric Way of: 1, Iron; 2, Common Salt; 3, Acetate of Lead; 4, Arsenious Acid; 5, Sulphate of Copper; 6, Phosphate of Soda; 7, Sulphide of Mercury; 8, Sulphate of Lime; 9, Brass, and other substances.

The following Text and Reference Books are used in this Department, viz: Youman's New Chemistry; Barker's Chemistry; Eliot and Storer's Manual of Inorganic Chemistry; Eliot and Storer's Qualitative Analysis; Wöhler's Mineral Analysis; Elderhorst's Blow-pipe Analysis; Roscoe's Spectral Analysis; Nason's Table of Reactions for Qualitative Chemical Analysis.

N. B. Candidates for Degrees are required to pursue the Chemical Course of the second year.

IV. HISTORY.

This course includes Political and Physical Geography in the Preparatory School, and History and Geography are combined throughout the entire course.

CLASS C. Anderson's Grammar School History of the United States. Seavey's Goodrich's History of the United States.

CLASS B. Anderson's History of England. History of the United States, reviewed.

CLASS A. Anderson's Bloss's Ancient History.

FRESHMAN CLASS. Liddell's History of Rome. Student's Gibbon. Sophomore Class. Smith's History of Greece. History of Rome, reviewed.

JUNIOR CLASS. Medieval History. Student's Gibbon. Modern History of Continental Nations.

SENIOR CLASS. Constitution of the United States. Guizot's History of Civilization.

N. B. Candidates for Degrees are required to pursue the Historical Course of the Freshman and Sophomore years.

V. NATURAL HISTORY.

This course is taught by a series of eighty lectures, extending through the Freshman and Sophomore years, which all the students

of these classes are required to attend. These lectures are open to all the members of the College and Preparatory School. The course includes Zoology, Comparative Anatomy, Physiology, Mineralogy and Geology. All students attending these lectures are subjected to oral examinations once a week, and written examinations once a month.

VI. ENGLISH LANGUAGE AND LITERATURE.

This course, in addition to the studies below named, includes Spelling and English Grammar in the Preparatory School.

- CLASS A. Modern Literature. Art of Composition. Declamations.
- FRESHMAN CLASS. Modern Literature. Art of Composition. Essays and Declamations.
- SOPHOMORE CLASS. History of Modern and Medieval Literature. Rhetoric. Essays and Declamations.
- JUNIOR CLASS. English Classics. Rhetoric. Essays and original Declamations.
- Senior Class. Lectures on English Language and Literature. Lectures on Rhetoric and Criticism.

The following text and reference books are used in this department, viz:

Literature. Cleveland's Series; Shaw's Manual; Chamber's Encyclopedia; Allibone's Dictionary of Authors; Dr. Thomas' Biographical Dictionary; Griswold's American Authors; Marsh's Lectures on the English Language.

Rhetoric. Hart's; Newman's; Whately's Elements; Coppée's Elements.

N. B. Candidates for Degrees are required to pursue the English course of the Freshman and Sophomore years, and to prepare Essays, throughout the course.

VII. ELOCUTION.

- CLASS C. Phonetic Spelling. Enunciation of Words. Hillard's Fourth Reader. Declamations.
- CLASS B. Phonetic Spelling, Enunciation of Words. Hillard's Fifth Reader. Declamations.
- CLASS A. Phonetic Spelling. Enunciation of Words. Hillard's Sixth Reader. Murdock and Russel's Vocal Culture. Declarations.

- Freshman Class. Murdock and Russell's Vocal Culture. Julius Casar. Selections from Classical English Authors. Declamations.
- SOPHOMORE CLASS. Merchant of Venice. Tempest. Selections from Classical English Authors. Declamations.
- JUNIOR CLASS. Weekly Declamations, original and selected.
- SENIOR CLASS. Weekly Declamations, original and selected.
- N. B. This course is required of all the students in the College and Preparatory School.

VIII. LATIN.

- Class B. Harkness' Grammar and Reader. Casar begun.
- CLASS A. Harkness' Grammar. Casar. Harkness' Latin Prose Composition.
- Freshman Class. Harkness' Grammar. Harkness' Prose Composition. Virgil.
- SOPHOMORE CLASS. Harkness' Grammar and Harkness' Prose Composition, Cicero's Orations. Livy.
- JUNIOR CLASS. Horace, Odes. Cicero, De Claris Oratoribus, De Senectute and De Amicitia. Zumpt's Grammar.
- Senior Class, Tacitus' Agricola and Germania, Juvenal, Zumpt's Grammar,

The following works of reference are used in this Department, viz: Kiepert's Atlas Antiquus; Long's and Findlay's Classical Atlases; Baird's Classical Manual; Ramsay's Roman Antiquities; Anthon's Greek and Roman Antiquities; Smith's Classical Dictionary.

IX GREEK.

For the study of this language that of German or French is generally substituted in this Institution, but the following course is provided for those who desire it:

- Freshman Class. Hadley's Grammar. Xenophon's Anabasis. Arnold's Prose Composition.
- Sophomore Class. Hadley's Grammar. Xenophon's Anabasis. Homer. Arnold's Prose Composition.
- JUNIOR CLASS. Selections from Greek Literature. Grammar and Composition.
- Senior Class. Selections from Greek Literature. Grammar and Composition.

X. FRENCH.

- CLASS B. Chouquet's First Lessons. Magill's Grammar, Etymology. Magill's Introductory Reader, begun. Conversations.
- CLASS A. Magill's Grammar, Syntax. Magill's Introductory Reader, finished. Conversations.
- Freshman Class Magill's Prose and Poetry. Selections from Modern French Authors. Grammaire Française de Noel et Chapsal. Thèmes. Conversations.
- SOPHOMORE CLASS. Siècle de Louis XIV. Mme. de Staël de l'Allemagne. Thèmes. Conversations.
- Junior Class. Racine. Corneille. Essays in French. Conversations.
- Senior Class. Molière. Selections from Contemporary French Authors. Essays in French. Conversations.

XI. GERMAN..

- Freshman Class. Otto's German Grammar. Whitney's and Adler's German Readers.
- SOPHOMORE CLASS. Otto's German Grammar, completed. Selections from Authors of the Romantic School. Abriss der deutschen Literatur (Evans). Conversations.
- Junior Class. Whitney's Grammar (Syntax). Carlyle's life of Schiller. Lewes' life of Gothe. Geschichte der deutschen Literatur (Weber). Essays in German Conversations.
- Senior Class. Geschichte der deutschen Literatur (Vilmar).
 Stahr's life of Lessing. Selections from Gæthe, Lessing,
 Heine and Contemporary German Authors. Essays in
 German. Conversations.

In addition to the courses of study above enumerated, Penmanship is taught on the Spencerian system to all the classes of the Preparatory School. Instruction is also given in Free-hand and Mechanical Drawing, and in Short-hand Reporting, upon Andrew J. Graham's Steno-Phonographic System.

REQUIRED AND ELECTIVE STUDIES.

The following is a synoptical view of the Required and Elective Studies in the various classes of the College and Preparatory School. The figure following each indicates the number of exercises per week in that study. It requires one year to complete an annual course in a study recited four times a week, two years if it be recited but twice a week. It will be observed that the Elective Studies increase in number, while the required studies diminish as the classes advance.

Except for special causes, students are required to select a sufficient number of the Elective Studies to make not less than fifteen, nor more than twenty exercises per week, exclusive of Reading, Writing and Drawing.

Elective Studies are to be selected at the beginning of the year, under the advice and direction of the Faculty and of Parents and Guardians, whose attention is invited to this synopsis. The studies thus chosen are not to be changed or dropped during the year, except by vote of the Faculty.

CLASS C.

REQUIRED STUDIES. Reading and Speaking, 3: Composition, 1; Mathematics, 4; English Grammar, 3: Geography, 3; History, 2; Spelling, 4; Writing, 4.

ELECTIVE STUDIES. Natural History, 1; Mechanical Drawing, 3; Free-hand Drawing, 3; Phonography, 3.

CLASS B.

REQUIRED STUDIES. Reading and Speaking, 2; Composition, 1; Mathematics, 4; Geography, 2; History, 2; Spelling, 2; Writing, 2.

ELECTIVE STUDIES. Latin, 4; French, 3; English Grammar*, 3; Physics, 2; Natural History, 1; Mechanical Drawing, 3; Free-hand Drawing, 3; Phonography, 3.

CLASS A.

REQUIRED STUDIES. Reading and Speaking, 2; Composition, 1; Mathematics, 4; History and Geography, 2; Spelling, 2; Writing, 2.

ELECTIVE STUDIES. Physiology, 2; Rhetoric and English Literature, 2; Latin, 4; French, 3; English Grammar*, 3;

^{*}This is a required study in classes A and B, except for those who t ke both French and Latin.

Physics, 2; Natural History, 1; Mechanical Drawing, 3; Free hand Drawing, 3; Phonography, 3.

FRESHMAN CLASS.

REQUIRED STUDIES. Elocution, 2; Composition, 1; Mathematics, 4; History, 2; Natural History 1.

ELECTIVE STUDIES. Physiology, 2; Rhetoric and English Literature, 2; Latin, 4; French, 3; German, 3; Greek, 4; Physics, 2; Chemistry, 2; Writing, 2; Mechanical Drawing, 3; Free-hand Drawing, 3; Phonography, 3.

SOPHOMORE CLASS.

REQUIRED STUDIES. Elocution, 2; Composition, 1; Mathematics, 4; Natural History, 1.

ELECTIVE STUDIES. History, 2; Civil Engineering, 4; Physiology, 2; Rhetoric and English Literature, 2; Latin, 4; French, 3; German, 3; Greek, 4; Physics, 2; Chemistry, 2; Writing, 2; Mechanical Drawing, 3; Free-hand Drawing, 3; Phonography, 3.

JUNIOR CLASS.

REQUIRED STUDIES. Elocution, 2; Composition, 1.

ELECTIVE STUDIES. History, 2; Mathematics, 4; Natural History, 1; Civil Engineering, 4; Rhetoric and English Literature, 2; Latin, 4; French, 3; German, 3°; Greek, 4; Physics, 2; Chemistry, 2; Mechanical Drawing, 3; Freehand Drawing, 3; Phonography, 3; Physiology, 2.

SENIOR CLASS.

REQUIRED STUDIES. Elocution, 2; Composition, 1.

ELECTIVE STUDIES. History, 2; Mathematics, 4; Natural History, 1; Civil Engineering, 4; Rhetoric and English Literature, 2; Latin, 4; French, 3; German, 3; Greek, 4; Physics, 2; Chemistry, 2; Mechanical Drawing, 3; Freehand Drawing, 3; Phonography, 3.

SECTION IV.

GENERAL INFORMATION.

LIBRARIES.

The Libraries of the College now contain about fifteen hundred volumes. The General Library is accessible to all the students according to rules established by the Faculty, and is open twice a week during term time for the delivery of books, on Fourth and Seventh days of each week, from two to three o'clock P. M. It is open every evening to teachers and members of the household.

The Anson Lapham Repository contains, as yet, but a small collection of Friends' books, which are at all times accessible to teachers, students and members of the household.

PHYSICAL CULTURE.

Regular daily exercise in the open air is required of all the students, for which the extensive grounds connected with the College afford ample facilities. A large gymnasium has been crected during the present year and well supplied with suitable apparatus. This is open every day for the voluntary exercise of boys and girls, in separate classes, and they all receive regular instruction from a non-resident Professor of Gymnastics. These exercises consist almost entirely of the so-called light gymnastics, and no effort is required of any student, which cannot be safely and profitably undertaken by any one in good health.

RELIGIOUS EXERCISES.

While care is taken to inculcate the doctrine that religion is a matter of practical daily life, and is not confined to the observance of set forms or the promulgation of religious tenets, the regular assembling of ourselves for religious purposes is not neglected. On

First-day morning a religious meeting is held, attended by students, teachers and members of the household, and occasionally by visiting Friends. The exercises of each day are terminated by a general meeting for reading selected portions of Scripture, and other suitable books, followed by a period of silence before retiring for the night.

VISITING.

Students are not allowed to receive visitors on the first day of the week. They may be visited on other days by parents or guardians, or by near relatives approved by parents or guardians, but general visiting is discouraged. Students must not be interrupted in their studies or recitations at any time.

All persons who are interested in Education, and desirous of examining the methods of instruction and discipline at Swarthmore, will always be welcome and should, when convenient, visit the institution between the hours of eight and twelve A. M.

Parents and guardians are requested not to ask permission for students to leave the College during term time, unless circumstances render it absolutely necessary.

TERMS AND VACATIONS.

Commemoration Day is the last Fourth-day of the Sixth month. The School year commences ten weeks thereafter, and continues forty-two weeks. Students are not admitted for a shorter period than the current school year, but may enter at any time during the year, if prepared to join existing classes.

Besides the vacation of ten weeks in Summer, there will be a vacation of two weeks at Christmas,

QUITEIT.

Although no form of dress is prescribed for either sex, such simple attire as is appropriate to school life is especially recommended. Ear-rings, bracelets, necklaces and elaborately trimmed dresses are prohibited.

Students should be supplied with six towels, six table napkins, two clothes bags, a wrapper, slippers, umbrella, and the requisite toilet articles. Every article must be marked with the full name of the owner.

CITY OFFICE.

Small packages not sent directly to the College by express may be left in care of William Dorsey, 923 Market st., Philadelphia.

EXPENSES.

For RESIDENT STUDENTS the price of board and tuition is \$350 per year, of which one-half is payable in advance, and the remainder on the first of the Second month.

For day scholars the price is \$200 per year, of which one-half is payable in advance, and the remainder on the first of the Second month. The day scholars dine with the resident students.

A proportionate deduction is made to those students who enter after the opening of the school year.

Pupils buy their own stationery, and those who pursue the study of Practical Chemistry pay for the chemicals which they use in the Laboratory.

Books are furnished for the use of students, without expense, but they are held responsible for the abuse of these as well as of all other College property.

THERE ARE NO EXTRA CHARGES.

PAYMENTS.

Payments are to be made by check or draft to the order of William Canby Biddle, Treasurer, payable at 513 Commerce Street, Philadelphia.





MINUTES

OF THE

EIGHTH ANNUAL MEETING

OF THE

STOCKHOLDERS

OF

SWARTHMORE COLLEGE,

HELD TWELFTH MO. FIFTH, 1871.

PHILADELPHIA:
MERRIHEW & SON, BOOK AND JOB PRINTERS,
135 North Third Street.
1872.



MINUTES.

At the Eighth Annual Meeting of the Stockholders of Swarthmore College, held at Race Street Meeting House, Philadelphia, Twelfth month 5th, 1871:

The Clerks being absent, Annie Shoemaker and Wm. Canby Biddle were appointed Clerks for the day.

The Minutes of the last Annual Meeting were read and approved.

The Reports of the Board of Managers and of the Treasurer were read, approved, and referred to the incoming Board for publication.

The changes in the By-Laws, as reported by the Board of Managers, were read, adopted and referred to the incoming Board for publication.

The terms of office of the following Managers expired at this time:

Barton Hoopes, Joseph Wharton, Edward Merritt, John D. Hicks, Henry C. Hallowell, Rebecca Turner, Mary S. Pancoast, Hannah W. Haydock.

Hugh McIlvain, Henry M. Laing, Edwd. Hoopes, Jos. M. Truman, Jr., William Dorsey, Lydia W. Hall, Lydia Gillingham, Caroline Underhill, Elwood Burdsall and Daniel Underhill were appointed to nominate the Officers of the Corporation required by the Charter, i. e., two Clerks, a Treasurer, and eight Friends to fill the vacancies in the Board of Managers.

John D. Hicks, Thomas H. Speakman and Rachel T. Jackson were appointed Inspectors of Election.

The Nominating Committee made the following report:

3

Clerks.

CLEMENT M. BIDDLE,

ANNIE SHOEMAKER,

Managers for four years.

JOHN D. HICKS, HANNAH W. HAYDOCK, ROBERT WILLETS, JOSEPH WHARTON,

DEBORAH F WHARTON

M. FISHER LONGSTRETH, ANNA M. FERRIS, HENRY C. HALLOWELL, ELIZABETH B. SMITH,

\$ 50.00

Treasurer.

WM. CANBY BIDDLE.

An election by ballot was held, and the Inspectors reported the the above officers unanimously elected.

The attention of the meeting was directed to the importance of providing suitable mechanical appliances for the use of the students, furnishing the Museum with cases, and building a barn, as recommended in the Managers' Report. For these purposes the following subscriptions were received:

For Mechanical Appliances.

DEBORAH F. WHARTON,						9 90	99
RACHEL M. BIDDLE,						100	00
LUCRETIA MOTT, .						100	00
HANNAH W. HAYDOCK, .						5	00
Lydia M. Stephens,						25	00
JACOB S. BUNTING, .						10	00
LETITIA S. CADWALLADER,						10	00
		•				\$300	00
For Cases for	r the	e M	user	$\iota m.$			
HANNAH W. HAYDOCK,						\$ 5	00
Lydia M. Stephens, .						25	00
JACOB S. BUNTING, .						10	00
EDWARD H. MAGILL, .						25	00
EDWARD H. TAYLOR,						25	00
JOSEPH WHARTON, .						50	00
WM. CANBY BIDDLE,						100	00
						\$240	00

For a Barn.

ELWOOD BURDSALL, .				\$100	00
DANIEL UNDERHILL,				100	00
HUGH MCILVAIN, .				50	00
EDMUND WEBSTER,				50	00
ISAAC STEPHENS, .				50	00
ELIZABETII W. PARRISH,				25	00
				0055	
				\$375	UU

The meeting was informed that a Friend from New York had offered to contribute to the General Endowment Fund of the College—by subscribing and paying for stock, during the ensuing year—any portion or the whole of five thousand dollars, to equal, within that limit, all the contributions from all other sources paid in to the Treasurer for the general purposes of the College.

Then adjourned.

ANNIE SHOEMAKER,

Clerk.

WM. CANBY BIDDLE,

Clerk for the day.

MANAGERS' REPORT.

Since the issue of the last Annual Report to the Stockholders, the Managers have endeavored to exercise a careful supervision of the institution committed to their charge, frequently visiting the College individually, to observe for themselves the working of the various departments, and holding the regular meetings required by the By-Laws. They have, in conformity with By-Law 8th, entrusted the general supervision of the College during their recess to the Executive Committee, consisting of one-half their number. This Committee has met at the College once a month, attended to the appointment of the necessary Professors and Teachers, and the different employes of the College, rendered the Faculty valuable assistance, and reported its proceedings regularly to the Board for its approval. The harmonious relation existing between the Committee and the Faculty, and ' their cordial cooperation in every measure calculated to promoto the best interests of the College, are felt by all to be sources of great strength and encouragement, and may well be regarded as an earnest of success in the future management of the institution. The Executive Committee has appointed monthly, from its own number, a committee of four, to visit the College at least once a week, and to obtain from frequent actual observation that intimate knowledge of the internal management of the institution which is indispensable to a full appreciation of its condition, its progress, and its present needs, a knowledge which can be satisfactorily obtained in no other way.

The College is now entering upon the third year of its existence under the most favorable auspices. The collegiate department at present consists of three classes, Junior, Sophomore and Freshman, numbering fifty-six students, of whom seven belong to the Junior, eighteen to the Sophomore and thirty-one to the Freshman class. The Preparatory School for the present year numbers one hundred and seventy-eight students, divided, as heretofore, into three classes, A, B and C. While great care is taken to offer to all an opportunity to pursue a full classical course of study, students are enabled, by the introduction of the optional system, to make choice, under the advice and direction of the Faculty, and their parents or guardians, of such a course as may be most congenial to their tastes, or best adapted to the pursuits of life in which they are likely to be engaged. This important change in the organization of the College, while it necessarily involves a considerable increase of the corps of instructors, is likely to prove eminently satisfactory to the friends of the institution, enabling the College to meet more fully the wants of all classes, and thereby more nearly to fulfil the end for which it was originally established.

It has been a prominent object of the Board to secure the further extension and development of the scientific course. Dr. Joseph Leidy has continued his course in Natural History to the Sophomore and Freshman classes. His lectures are also open to such other students of the College or Preparatory School as may desire to attend, all who do so being subjected to regular monthly examinations therein. This course includes Zoology, Comparative Anatomy, Physiology, Mineralogy and Geology. These lectures are illustrated by drawings and crayon sketches on the black-board, and also, as far as possible, by natural specimens from our museum.

The establishment of a proper system for the continuous and orderly collection and arrangement of objects needed to illustrate these several branches of Natural History, has engaged the especial attention of the Managers, and a Committee has recently been ap-

pointed to take charge of this subject. Their labors not being completed no formal report has been made, but they have decided to prepare plans at once for show cases to occupy all those parts of the rooms on the fourth floor of the central building which can properly he so appropriated. They propose that all these cases shall be uniform in design, so as to form a sightly and convenient whole; that they shall be well made of black walnut; that a light gallery shall be constructed around the southern room at such a height as to divide suitably the space between floor and ceiling, thus making all that space available; that the floor of the northern room shall be occupied by table show cases, while the floor of the southern room shall remain free for use as a lecture and instruction room for such classes as may need to handle the specimens relating to their special studies; and finally, that from time to time such parts of the entire suite of cases first determined on shall be built as are needed for the exhibition of the specimens on hand, and as the funds provided will allow.

The committee also propose that no collection shall at any time be received into the Museum on condition of keeping it unbroken and separate from other purchases or contributions, since such condition would prevent the placing of objects in their proper places, the filling out of series by supplying deficiencies, the throwing out of duplicates or worthless specimens, and in short the complete organization of the entire collection into a systematic and orderly arrangement.

Dr. Joseph Leidy, our Professor of Natural History, who has had much experience in such matters, and is acquainted with most American collections, has lately visited Vassar College, at the request of the committee, to inspect the arrangement of cases and objects in the Museum there, and has prepared a plan, in accordance with the principles named above, which he thinks adapted to our use. Within a short time all will doubtless be in readiness to allow of the building of cases for at least those minerals and other specimens which have already been contributed by the generosity of several of our friends, among which we would particularly mention a valuable collection of fossils, by the heirs of our deceased friend, John Jackson, of Darby, Pa., and we would invite those who perceive the importance of a good Museum, to aid, by their contributions, in bringing ours, as speedily as possible, into a useful working condition.

A special course in Human and Comparative Physiology has

been established for the more advanced students, and the course in Chemistry is taught both by text books and lectures illustrated by experiments. Additional facilities have been provided in the Laboratory for students wishing to make a special study of Practical Chemistry. Many students, both in the College and Preparatory School, are availing themselves of these privileges, and a constantly increasing interest is manifested in this important department.

A competent man, of large experience, has recently been appointed to take the necessary steps toward establishing a regular course in Civil Engineering. He will also take charge of the department of Physics. For a fine case of superior apparatus illustrative of this department we are indebted to the kind liberality of a member of the Board.

Intimately connected with Civil Engineering is the study of Mechanical Drawing, which is continued with increased facilities under the same able management as last year, and is pursued with much interest by a large number of students in the College and Preparatory School.

A teacher whose native language is French has been employed to assist in giving instruction in that language, thus enabling us to combine with our former accurate drill in the forms and constructions of the language, a practical knowledge of the same as a medium of conversation, for which opportunities are offered at table, in the class room, and during the hours of recreation.

A course of instruction in English Literature and Rhetoric has also been organized since the last Report, including instruction in the Literature of our own country. In connection with this department especial attention is paid to the correct writing, reading and speaking of the English Language, which is placed among the required studies in all the classes of the school and College, from the lowest to the highest.

The College Library has been steadily increased during the past year; appropriate provision has been made for its accommodation in the Managers' Parlor, and a Librarian has been appointed to take charge of the Library and school books belonging to the institution. Many volumes have been contributed, and funds have been provided by the liberality of private individuals. Large contributions have been received from the Principal of the Institution, which together with \$200 from Friends' Social Union, of New York, and \$50 from Friends' Social Union, of Brooklyn, have been added to the Library fund. The first catalogue of the Library has recently

been published, and the number of volumes has now reached 1318 These are classified and arranged upon the shelves under the following heads, viz: Scientific, Historical, Biographical, Religious, Poetical and Literary. To these are added, chiefly through the kindness of Joseph Henry, Washington Townsend, and Benjamin Lippincott, a large collection of Smithsonian Reports and Congressional Documents.

Through the kind liberality of our friend Anson Lapham, of Skaneateles, New York, a room in one of the fire-proof alcoves has been furnished with cases and fitted up for a library, designed for Friends' books, and those which pertain to the history of the Society. About one hundred and fifty volumes, and a small collection of letters, engravings and photographs have already been deposited here through the kindness of several of our friends who have taken an especial interest in this subject. An invitation has been extended, through the columns of the "Friends' Intelligencer," to contribute to the shelves of this Library, but as yet the call has met with but a feeble response. It is believed that there are many volumes in the private libraries of Friends throughout the country, which they would willingly contribute and which would be very properly deposited here. The room has been named the Anson Lapham Repository.

A Gymnasium having been erected, a Professor of Gymnastics from Philadelphia is regularly employed to train the boys and girls in separate classes. During a portion of each day this building is given up to the exclusive use of the girls. The required exercises consist of light gymnastics which may be safely undertaken by any one in good health. A gymnasium should be constructed exclusively for girls, upon their own grounds, as soon as funds can be secured for that purpose.

We cannot leave the subject of instruction without a passing reference to our trial of the co-education of the sexes. Our conviction of their mutual influence upon each other for good, through daily intercourse in the class-rooms, the dining-room, the halls and parlors, and upon the common grounds, has been fully confirmed by the experience of the past two years. There is no one connected with the government and management of the College who is not entirely convinced of the excellence of the present system in this respect, and it has always been felt by us to be a very encouraging circumstance that the adverse criticisms upon this subject come from those who have never visited the institution, while many who have

previously doubted have been thoroughly convinced of the advantages of the system, by visiting the College and seeing its practical working for themselves.

The Committee upon Grounds and Buildings has attended faithfully to the important duties devolving upon it, as the great improvements both within and without the College since the last report abundantly testify. All the buildings have been repainted outside; several of the large chambers have been divided, the better to adapt them to the uses for which they were designed; additional chambers have been fitted up and furnished in the west wing to accommodate the increased number of students; permanent seats, of the best construction, have been provided for the general study room; the two large front rooms on the second floor have been handsomely furnished and lighted for the accommodation of the College classes; slates have been substituted for blackboards in many of the classrooms; the Gymnasium has been finished and well supplied with suitable apparatus; sheds have been provided for the horses of strangers visiting the institution; the grounds have been further improved by sodding, grading, and laying out additional walks and drives; and all of these improvements, and many others, have been effected by the generosity of interested friends, who had already done much, but with whom each additional gift seems but a pledge of further liberality.

One of the most important improvements still needed is a barn. It is the opinion of the Superintendent and of the Farmer that the want of suitable accommodations in this respect has entailed a considerable loss upon the institution during the past year.

That the duties of the Finance Committee have been thoroughly performed will appear from the fact that the College still continues to be self-supporting. In securing this desirable end much is felt to be due to the careful and conscientious labor of the Superintendent. For a full statement of the finances of the College the Committee refers to the Treasurer's Report. There is, however, one important point suggested by the Committee, to which the Board would again direct the attention of the Stockholders and friends of the College. It is the great need which exists of a fund to enable students of limited means to avail themselves of the full course of study at Swarthmore. Through the liberality of a few friends, some of the present students are receiving their education at a reduced rate, and a few thousand dollars invested for this purpose would supply a most pressing present need. By retaining until the end of the course

many students in straitened circumstances, who, through ability and faithful endeavors, would profit most by the opportunities which Swarthmore affords, the standard of scholarship would be advanced, and teachers in religious membership with us would be prepared, who could fill, with credit to themselves and great advantage to the Society of Friends, positions as instructors either in the College itself or in those schools throughout the country which are to prepare students for our College classes.

The interest of \$1,600 contributed to the Educational Fund will keep one student in the institution at a rate within the reach of most who are likely to seek admission. The attention of the stockholders and friends of the College is most earnestly directed to this subject, and to the vital importance of the early establishment of a liberal Educational Fund.

Edward Parrish resigned his position as President about the close of the first term. The Managers accepted his resignation, and unanimously adopted a resolution expressing their appreciation of his valuable services in the origin and erection of the College, and their personal regard for him as one of the most faithful and devoted friends of our cherished institution.

In conclusion the Managers can but congratulate the Stockholders upon the present condition and future prospects of the College. The order within the institution continues steadily to improve as the organization becomes more and more complete; the standard of scholarship is advancing with each successive year, while the range of studies is gradually extended by the employment of a greater number of instructors, twenty being at present employed in the different departments; the various appliances of the College, both within and without, are better adapted to the end for which they were designed; interested friends everywhere, as they become convinced that Swarthmore is fulfilling the expectations of its founders, will become more and more willing to contribute liberally to increase in every direction the capacity of the institution to accomplish the great end for which it was established. We feel that there is every reason for thankfulness and encouragement in view of the prospect before us, and vet we cannot forget that the largest measure of success is only purchased by persistent and persevering effort. That Swarthmore may do its whole work, all that it is capable of doing for our Society and the world at large, we, its guardians of to-day, must be Argus-eyed, jealous of every fault, . and unremitting in our watchful care.

TREASURER'S REPORT OF SUBSCRIPTIONS.

WM. CANBY BIDDLE, Treasurer, in account with Swarthmore College.

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WM. CANBY BIDDLE,

PHILADELPHIA, Twelfth month, 2d, 1871.

Treasurer.

We have examined the above account of Wm. Canby Biddle, Treasurer of Swarthmore College, compared it with his vouchers, and found it correct.

CLEMENT BIDDLE,

ISAAC STEPHENS, Auditors

PHILADELPHIA, Twelfth month 4th, 1871.

For the information of Stockholders and others interested, the Treasurer appends the following:

General Statement of Receipts and Expenditures.

RECEIPTS.

Philadelphia:	
Capital Stock,	,
Donations,	
Endowment Fund, 10,000 00)
Educational Endowment Fund, 100 00	,
Interest, 6,501 16	
	\$223,026 27
Baltimore:	
Capital Stock, \$10,375 00	,
Donations,	
Account Name of the Control of the C	10,925 00
New York:	
Capital Stock,	,
Donations, 1,969 00	
Endowment Fund, 5,000 00	
Interest, 6,036 73	
	108,430 73
Donations for Library, unexpended,	133 01
Profit and Loss,	5,563 89
Loan Account, borrowed,	4,000 00
	352,078 90
Expenditures.	302,010 00
Property:	
•	
West Dale,	
Furnishing account,	
runnishing account,	330,793 21
Expenses of Organization;	•
Investments:	Í
Ground Rents, \$10,000 00	
Cash in Bank, 599 14	
	10,599 14
	\$352,078 90

WM. CANBY BIDDLE, Treasurer.

CHARTER.

An Act to incorporate Swarthmore College.

Section 1. Be it enacted by the Senate and House of Representatives of the Commonwealth of Pennsylvania in General Assembly met, and it is hereby enacted: That James Martin, John M. Ogden, Ezra Michener, Mahlon K. Taylor, Thomas Ridgway, James Mott, Dillwyn Parrish, William W. Longstreth, William Dorsey, Edward Hoopes, William C. Biddle, Joseph Powell, Joseph Wharton, John Sellers, Clement Biddle, P. P. Sharples, Edward Parrish, Levi K. Brown, Hugh McIlvain, Franklin Shoemaker and their associates and successors forever be, and they are hereby made and constituted a body politic and corporate, under the corporate title of Swarthmore College, and under that name shall have perpetual succession, and are hereby empowered, and made capable in law, to purchase, take, hold, and enjoy to them and their successors, lands, tenements and hereditaments, stock, goods, chattels and effects; provided, the clear annual value thereof shall not exceed thirty thousand dollars, and to sell, demise, convey, assure, transfer and dispose of their estate or interest therein, and also to improve and augment, and apply the same, with the rents, issues, profits and income thereof, to the purposes of their institution; and the said corporation, by the name aforesaid, shall and may sue and be sued, plead and be impleaded; answer, and be answered; defend, and be defended, in all courts of law and equity, and shall have power to make, have and use a common seal, and the same to change, alter and renew at their pleasure, and also to make and execute such by-laws, ordinances and regulations, not contrary to the laws and constitution of this Commonwealth, as to them shall seem meet.

Section 2. That the said corporation be authorized to establish and maintain a school and college, for the purpose of imparting to persons of both sexes knowledge in the various branches of science, literature and the arts, and the Board of Managers shall have power

to confer upon the graduates of the said College, and upon others, when, by their proficiency in learning, they may be entitled thereto, such degrees as are conferred by other colleges or universities in the United States.

Section 3. That the capital stock of the said corporation shall be fifty thousand dollars, divided into two thousand shares of twentyfive dollars each, with the privilege to increase the same from time to time to a sum not exceeding three hundred thousand dollars, and the said school or college may go into operation when the sum of fifty thousand dollars has been subscribed, and the stock shall be transferable in conformity with the rules and by-laws of the corporation. The meetings shall be held annually; twenty-five stockholders shall form a quorum, and special meetings may be called by the Managers at their discretion, and notice shall be given of the annual and special meetings of the corporators, at least ten days previous to the time at which they are to be held, by advertisement in three daily newspapers, one published in the city of New York, one in the city of Philadelphia and one in the city of Baltimore; the officers of the corporation shall be two clerks, a treasurer and thirty two managers, all of whom shall be members of the religious society of Friends, and shall be chosen by ballot from among the stockholders at their annual meeting; but in case of failure to elect the officers at the stated time, those in office shall continue until others are chosen. The clerks shall be ex officio members of the Board of Managers, and eleven members shall constitute a quorum for the transaction of business. The government and direction of the said school and college, the appointment and employment of professors and other officers concerned therewith, and the general management of the affairs of the College, shall be entrusted to the Board of Managers, who shall have power to enact such rules and regulations not inconsistent with the constitution and amendments thereto, adopted by the corporators as they shall see fit.

Signed.

HENRY C. JOHNSON,

Speaker of the House of Representatives.

JOHN P. PENNEY, Speaker of the Senate.

Approved the first day of April, A. D., 1864.

A. G. CURTIN,

Governor.

A SUPPLEMENT

To "An Act to incorporate Swarthmore College" authorizing an increase of Capital Stock.

Section 1. Be it enacted by the Senate and House of Representatives of the Commonwealth of Pennsylvania in General Assembly met, and it is hereby enacted by the authority of the same, That the Board of Managers shall consist of thirty-two Managers, who shall choose a President and Secretary from their own number, and said officers shall affix the corporate seal and attest all documents as may be directed by the Board of Managers.

Section 2. That the capital stock of said corporation may be increased so as to amount in the whole to five hundred thousand dollars, and the said Managers may borrow money on bonds, to be secured by mortgage on the real estate of the corporation to trustees for the bond holders, to an amount not exceeding one hundred thousand dollars.

Section 3. That women, single or married, may be members of said corporation and managers thereof.

B. B. STRANG,

Speaker of the House of Representatives.

CHARLES H. STINSON,

Speaker of the Senate.

Approved the fourteenth day of April, Anno Domini, one thousand eight hundred and seventy.

JOHN W. GEARY.

Office of the Secretary of the Commonwealth, Harrisburg, April 30, A. D. 1870.

PENNSYLVANIA, 88.:



I DO HEREBY CERTIFY, That the foregoing and annexed is a full, true and correct copy of the original Act of the General Assembly, entitled "A Supplement to 'An Act to incorporate Swarthmore Col-

lege,' authorizing an increase of capital stock," as the same remains on file in this Office.

IN TESTIMONY WHEREOF, I have hereunto set my hand and caused the Seal of the Secretary's Office to be affixed, the day and year above written.

J. M. WEAKLEY,

Deputy Secretary of the Commonwealth.

CONSTITUTION

of

SWARTHMORE COLLEGE.

ARTICLE 1st. The capital stock shall be fifty thousand dollars, which may be increased from time to time to any sum not exceeding three hundred thousand dollars, to be divided into shares of the value of twenty-five dollars each, transferable on the books of the Association only with the consent of the Board of Managers.

ARTICLE 2ND. The annual meeting of the stockholders shall be held on the first Third day in the Twelfth month, at 3 o'clock P.M., in the city of Philadelphia. A clerk and assistant clerk, who shall be ex officio members of the Board of Managers, shall be appointed at each annual meeting, who shall make and preserve regular minutes of the proceedings, subject to the adoption of the meeting at the time. Special meetings may be called by the clerks, at the written request of any twenty stockholders.

ARTICLE 3RD. The management of the institution shall be under the direction of thirty-two managers, sixteen of each sex, who shall be elected at an annual meeting, under the care of three inspectors, to be appointed at the time. Eight of said managers shall be elected for one year, eight for two years, eight for three years, and eight for four years.

The term of service for each manager shall be decided by mutual agreement among themselves, and eight members shall be elected to serve for four years, annually thereafter. They shall have power to fill any vacancy that may occur in their Board. They shall all be stockholders and members of the Society of Friends, and an equitable proportion of them shall belong to each of the Yearly Meetings of Philadelphia, Baltimore and New York, and other Yearly Meetings the members of which subscribe to the stock.

The election of managers shall be by ballot, and votes by proxy shall be received, each stockholder having one vote; and a majority of votes so cast shall determine the election, and also all other subjects voted upon.

Provided, that all questions affecting the purchase of real estate, or location of the College, the removal of the same after location, or the sale of the whole or any portion of the real estate, shall be decided only at a stated or special meeting, by a majority of the votes cast, each share being entitled to one vote; and no such purchase, sale or transfer of the real estate shall be made without having been proposed at a stated or special meeting held at least three months previously.

And further provided, that no alteration to this Constitution shall be made except at a stated meeting of the stockholders, by a vote in its favor, either in person or by proxy, of the majority of all the stock.

Notice of any proposed change in the Constitution shall be given at the annual meeting, and decided upon at the next annual meeting; the said proposed change shall be placed in full upon the minutes, and each stockholder shall be notified thereof.

Should the stockholders fail to elect at any annual meeting, the managers of the previous year shall continue in office until successors are elected.

ARTICLE 4TH. The Board of Managers shall appoint their own officers, and frame by-laws for their government, subject to the approval of the stockholders.

When the amount of capital stock is subscribed and paid in they shall provide for the purchase, erection, furnishing and future management of the College.

No contract for real estate, building or furnishing the institution shall be entered into unless the money for the same be in the hands of the Treasurer, and they shall at no time incur expenses in its management beyond the available resources of the current six months.

They shall appoint a Treasurer of the College, who shall collect, receive and hold the funds subject to the order of such committees or officers as they may authorize to draw upon him, and they shall audit and settle his accounts at least twice every year.

They shall make full reports of their proceedings to the members at the annual meeting of the stockholders, and a printed copy of their report shall be furnished to each of the members.

BY-LAWS.

LAW I.

MEETINGS.

There shall be five stated meetings of the Board annually: on the second Third-day in the Second and Ninth months, on the Thirdday following the Philadelphia Yearly Meeting in the Fifth month, on the day preceding and on the adjournment of the annual meeting of the stockholders. Special meetings shall be called by the Secretary when requested by five members. Eleven members constitute a quorum.

LAWH.

OFFICERS AND COMMITTEES.

A President of the Board of Managers, Secretary, Auditors, Finance Committee, Building Committee, Instruction Committee, Committee on Museum, Committee on Anson Lapham Repository, and an Executive Committee, shall be appointed annually at the meeting succeeding the annual meeting of stockholders, and, should none be appointed at that time, those previously appointed shall continue to fulfil the several duties prescribed until others are duly appointed. All the other committees shall be authorized to report to the Executive Committee.

LAW III.

THE PRESIDENT.

The President shall preside at the meetings of the Board and decide all questions of order.

LAW IV.

THE SECRETARY.

The Secretary shall keep regular minutes of the meetings of the Board, as adopted at the time; shall notify the members of the time and place of meeting, inform committees of their appointment, and act, under direction of the Board, in all matters pertaining to the office.

LAW V.

THE TREASURER.

The Treasurer shall hold the funds belonging to the Corporation, subject to the disposition of the Board; shall sign the certificates of stock, and shall issue these, on demand, to all subscribers who have paid their instalments in full. In the investment of the funds he shall be guided by the advice and direction of the Finance Committee. He shall report to the Board at the stated meetings in the Second and Twelfth months.

LAW VI.

THE FINANCE COMMITTEE.

The Finance Committee shall draw all orders on the Treasurer for expenses authorized by minute of the Board, and the orders shall not be valid without the signatures of at least two of this Committee. They shall also advise with and direct the Treasurer in regard to the investment of the funds of the Corporation.

LAW VII.

THE AUDITORS.

The Auditors shall audit the accounts of the Treasurer twice in the year, immediately previous to the time of his reports, to which they shall append the result of their audits.

LAW VIII.

THE EXECUTIVE COMMITTEE.

This Committee shall consist of sixteen members, who shall have the general supervision of the College, etc, during the recess of the Board of Managers, and, subject to its approval, shall decide upon such appointments of Professors and Teachers as may become necessary.

They shall also appoint such other employés as may, in their judgment, be required.

They shall render the Faculty such aid as may be in their power in relation to instruction and discipline, and report their proceedings, twice in the year, to the Board of Managers.

LAW IX.

THE FACULTY.

The President or Principal, Matron, and such of the resident Professors and others as may be elected by the Board, shall constitute the Faculty, and shall hold regular meetings, arrange the course of study, determine the qualifications for admission into the several departments and classes, and for graduation, decide upon rules of order, and determine all questions pertaining to the discipline or instruction, subject to the approval of the Executive Committee, to whom they shall report monthly.

LAW = X.

ANNUAL REPORT.

The President or Principal, and the Executive Committee shall frame the Annual Report to the Stockholders, which shall be submitted to the Board for approval at the meeting immediately preceding the annual meeting.

LAW AL.

COMMITTEE ON TRUSTS, ENDOWMENTS, AND SCHOLARSHIPS.

The Managers shall appoint five of their number to constitute the Committee on Trusts, Endowments, and Scholarships, to hold office three years, or during the pleasure of the Board.

It shall be the duty of this Committee to receive, invest in the name of the College, and hold in their custody, all sums of money, stocks, mortgages, and other property that may be given or bequeathed to Swarthmore College for General Endowments, for Special Endowments, or for Educational Endowments.

The Board of Managers shall direct the application of the interest of each of these funds: of General Endowments, to the general purposes of the College; of Special Endowments, to the particular purpose for which the Fund was given; and of Educational Endowments, to the aid of those who would otherwise be excluded, by their limited means, from enjoying the advantages of an education at this College.

SCHOLARSHIPS.

A donation to the College of the sum of five thousand dollars, to be held by this Committee, shall found a scholarship in perpetuity, in the gift of the donor, and of his legal heirs or of any assignee approved by the Board of Managers.

Nominations under perpetual Scholarships shall be subject to the same limitations and restrictions as are placed on nominations under Scholarships for limited periods.

Scholarship for two lives.—Any person giving to the College the sum of Four Thousand dollars, to be held by this Committee, shall have the privilege of nominating, during his or her life time, one student who, when approved, shall be admitted, subject to all the rules and regulations of the College, and shall be entitled to board and tuition without charge.

When from any cause such student's attendance at the College ceases, another may be nominated, and the privilege of nomination shall be extended under such Scholarship to one successor, provided such successor shall be duly appointed by the donor during his or her life time.

On the death of the successor the principal sum of Four Thousand dollars shall merge into the General Endowment Fund.

The College, however, in all cases of Scholarships, whether perpetual or otherwise, reserves to itself the right at any time to return the principal sum to any donor, or his legal representatives, whose right shall thereupon cease and determine.

This Committee shall make a full report, including an audited statement of investments, and of its Treasurer's account, to the Board of Managers at the meeting preceding the annual meeting of the Stockholders.

The interest is to be paid to the Treasurer of the College as received by this Committee.

LAW XII.

ALTERATIONS AND AMENDMENTS.

These By-Laws may be altered or amended at any meeting of the Board next preceding the annual meeting.

STOCKHOLDERS' MEETING.

The Stockholders' meeting is held annually on the first Third-day in the Twelfth month, at 3 o'clock P.M., according to public notice in one or more newspapers published respectively in Philadelphia, New York and Baltimore.



