

SWARTHMORE COLLEGE,

1878-79.

1879-80.

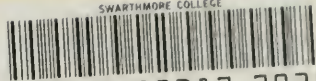
1879	Sund.	Mond.	Tues.	Wedn.	Thurs.	Frid.	Satur.
JAN.	5	6	7	8	9	10	11
	12	13	14	15	16	17	18
	19	20	21	22	23	24	25
	26	27	28	29	30	31	...
FEB.	2	3	4	5	6	7	8
	9	10	11	12	13	14	15
	16	17	18	19	20	21	22
	23	24	25	26	27	28	...
MAR.	2	3	4	5	6	7	8
	9	10	11	12	13	14	15
	16	17	18	19	20	21	22
	23	24	25	26	27	28	29
	30	31	...	...	...	...	...
APRIL	6	7	8	9	10	11	12
	13	14	15	16	17	18	19
	20	21	22	23	24	25	26
	27	28	29	30
MAY.	4	5	6	7	8	9	10
	11	12	13	14	15	16	17
	18	19	20	21	22	23	24
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JUNE.	1	2	3	4	5	6	7
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1879	Sund.	Mond.	Tues.	Wedn.	Thurs.	Frid.	Satur.
JULY.	6	7	8	9	10	11	12
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	20	21	22	23	24	25	26
	27	28	29	30	31
AUG.	3	4	5	6	7	8	9
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	31
SEPT.	1	2	3	4	5	6	7
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	15	16	17	18	19	20	21
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	29	30
OCT.	5	6	7	8	9	10	11
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	19	20	21	22	23	24	25
	26	27	28	29	30	31	...
NOV.	2	3	4	5	6	7	8
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	23	24	25	26	27	28	29
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DEC.	1	2	3	4	5	6	7
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	15	16	17	18	19	20	21
	22	23	24	25	26	27	28
	29	30	31

1880	Sund.	Mond.	Tues.	Wedn.	Thurs.	Frid.	Satur.
JAN.	4	5	6	7	8	9	10
	11	12	13	14	15	16	17
	18	19	20	21	22	23	24
	25	26	27	28	29	30	31
FEB.	1	2	3	4	5	6	7
	8	9	10	11	12	13	14
	15	16	17	18	19	20	21
	22	23	24	25	26	27	28
	29	...	...	...	...	...	...
MAR.	1	2	3	4	5	6	7
	8	9	10	11	12	13	14
	15	16	17	18	19	20	21
	22	23	24	25	26	27	28
	29	30	31	...	...	...	...
APRIL	4	5	6	7	8	9	10
	11	12	13	14	15	16	17
	18	19	20	21	22	23	24
	25	26	27	28	29	30	...
MAY.	2	3	4	5	6	7	8
	9	10	11	12	13	14	15
	16	17	18	19	20	21	22
	23	24	25	26	27	28	29
	30	31
JUNE.	6	7	8	9	10	11	12
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	20	21	22	23	24	25	26
	27	28	29	30

SWARTHMORE COLLEGE



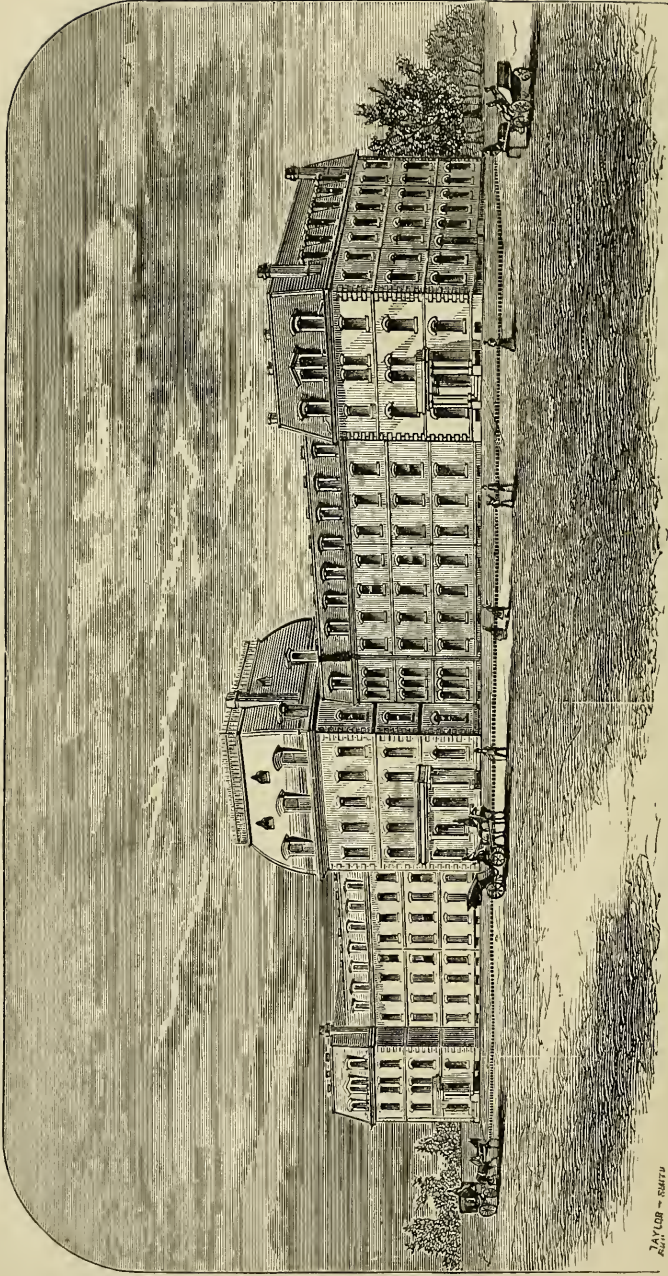
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Author:
Swarthmore
college

Title:
Catalogue

Class. :
SWARTHMOREANA
LD5186
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Acc.no. :
114668



SWARTHMORE COLLEGE, DELAWARE COUNTY, PA.

[FRONT VIEW.]


TAYLOR - CURTIS

SWARTHMORE COLLEGE, DELAWARE COUNTY, PA.

[REAR VIEW.]



TAYLOR - SMO. ENGRA.



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TENTH
ANNUAL CATALOGUE
OF
SWARTHMORE COLLEGE,
SWARTHMORE, PA.
1878-79.
WITH MINUTES OF THE
FIFTEENTH ANNUAL MEETING
OF THE
STOCKHOLDERS.

PRESS OF
FRIENDS' BOOK ASSOCIATION,
706 Arch Street, Philadelphia.
1879.

CALENDAR.

1878—79.

1878	Ninth month 10th,	Third-day,	Meeting of the Board of Managers.
"	Ninth month 10th,	Third-day,	Examinations for admission begin.
"	Ninth month 12th,	Fifth-day,	Examinations for admission completed, and old students return.
"	Ninth month 13th,	Sixth-day,	Regular Exercises begin.
"	Twelfth month 2d,	Second-day,	Meeting of the Board of Managers.
"	Twelfth month 3d,	Third-day,	ANNUAL MEETING OF STOCKHOLDERS.
"	Twelfth month 3d,	Third-day,	Meeting of the Board of Managers.
"	Twelfth month 21st,	Seventh-day,	Holidays begin.
1879.	First month 2d,	Fifth-day,	Students return.
"	First month 3d,	Sixth-day,	Regular Exercises begin.
"	Second month 11th,	Third-day,	Meeting of the Board of Managers.
"	Fifth month 3d,	Seventh-day,	Junior Day.
"	Fifth month 5th,	Second-day,	Senior Examinations begin.
"	Fifth month 13th,	Third-day,	Senior Examinations completed, the results announced, and parts for Commencement assigned.
"	Sixth month 9th,	Second-day,	Annual Examinations begin.
"	Sixth month 16th,	Second-day,	Annual Examinations completed, and the result announced.
"	Sixth month 16th,	Second-day,	Meeting of the Board of Managers, and Annual Meeting of the Alumni Association in the evening.
"	Sixth month 17th,	Third-day,	COMMENCEMENT.
"	Sixth month 18th,	Fourth-day,	Summer Vacation begins.
"	Ninth month 9th,	Third-day,	Meeting of the Board of Managers.
"	Ninth month 9th,	Third-day,	Examinations for admission begin.
"	Ninth month 11th,	Fifth-day,	Examinations for admission completed, and old students return.
"	Ninth month 12th,	Sixth-day,	Regular Exercises begin.
"	Twelfth month 1st,	Second-day,	Meeting of the Board of Managers.
"	Twelfth month 2d,	Third-day,	ANNUAL MEETING OF STOCKHOLDERS.
"	Twelfth month 2d,	Third-day,	Meeting of the Board of Managers.
"	Twelfth month 24th,	Fourth-day,	Holidays begin.
1880.	First month 5th,	Second-day,	Students return.
"	First month 6th,	Third-day,	Regular Exercises begin.

CORPORATION.

Officers.

CLERKS.

GEORGE W. HANCOCK, *Fortieth and Lancaster Avenue, Phila.*
MATILDA GARRIGUES, *Kingsessing, Philadelphia.*

TREASURER.

ROBERT BIDDLE, *511 Commerce Street, Philadelphia.*

BOARD OF MANAGERS.

Term expires Twelfth month, 1879.

JOHN D. HICKS,	<i>Old Westbury, L. I.</i>
ROBERT WILLETS,	<i>Flushing, L. I.</i>
JOSEPH WHARTON,	<i>P. O. Box 2786, Philadelphia.</i>
M. FISHER LONGSTRETH,	<i>Sharon Hill, Delaware Co., Penna.</i>
HANNAH W. HAYDOCK,	<i>No. 212 East Twelfth Street, New York.</i>
ANNA M. FERRIS,	<i>Wilmington, Delaware.</i>
MARY T. LONGSTRETH,	<i>Sharon Hill, Delaware Co., Pa.</i>
ANNIE SHOEMAKER,	<i>Friends' Cent'l School 15 & Race Sts Phila.</i>

Term expires Twelfth Month, 1880.

CLEMENT M. BIDDLE,	<i>No. 506 Commerce Street, Philadelphia.</i>
B. RUSH ROBERTS,	<i>Sandy Spring, Md.</i>
JOSEPH WILLETS,	<i>Roslyn, L. I.</i>
ELI M. LAMB,	<i>Friends' School, Lombard St., Balt., Md.</i>
RACHEL T. JACKSON,	<i>No. 141 N. Twentieth St., Philadelphia.</i>
ANNA M. HUNT,	<i>No. 1804 Mount Vernon St., Philadelphia.</i>
CAROLINE UNDERHILL,	<i>Jericho, L. I.</i>
ELIZABETH S. WORTH,	<i>Coatesville, Pa.</i>

Term expires Twelfth month, 1881.

SAMUEL WILLETS,	<i>No. 303 Pearl Street, New York.</i>
EDWARD H. OGDEN,	<i>No. 314 Vine Street, Philadelphia.</i>
DANIEL UNDERHILL,	<i>Jericho, L. I.</i>
EMMOR ROBERTS,	<i>Fellowship, N. J.</i>
JANE P. DOWNING,	<i>No. 1613 Race Street, Philadelphia.</i>
MARGARET G. CORLIES,	<i>No. 31 E. Thirtieth Street, New York.</i>
MARY C. BLACKBURN,	<i>No. 244 N. Euteru St., Baltimore, Md.</i>
MARY W. COCKS,	<i>Old Westbury, L. I.</i>

Term expires Twelfth month, 1882.

ISAAC STEPHENS,	<i>Trenton, N. J.</i>
JAMES V. WATSON,	<i>No. 1718 Franklin Street, Philadelphia.</i>
CLEMENT BIDDLE,	<i>Chaddsford, Pa.</i>
ISAAC H. CLOTHIER,	<i>No. 801 Market Street, Philadelphia.</i>
MARTHA G. McILVAIN,	<i>Sixtieth St. and Elmwood Ave., Phila.</i>
ANNIE COOPER,	<i>No. 1733 Filbert Street, Philadelphia.</i>
SARAH H. BAKER,	<i>Orange, N. J.</i>
ELIZA H. BELL,	<i>Bayside, Queens County, N. Y.</i>

BUILDING AND PROPERTY.

JAMES V. WATSON,
 MARTHA G. McILVAIN,
 EMMOR ROBERTS,

DANIEL UNDERHILL,
 RACHEL T. JACKSON,
 GEORGE W. HANCOCK.

TRUSTS, ENDOWMENTS AND SCHOLARSHIPS.

SAMUEL WILLETS,
 JOSEPH WHARTON,
 CLEMENT M. BIDDLE, Sec'y and Treas. of Committee.

DANIEL UNDERHILL,
 ISAAC H. CLOTHIER,

EXECUTIVE COMMITTEE.

ISAAC H. CLOTHIER,
 CLEMENT BIDDLE,
 DANIEL UNDERHILL,
 JOSEPH WHARTON,
 JAMES V. WATSON,
 EMMOR ROBERTS,
 EDWARD H. OGDEN,
 GEORGE W. HANCOCK,

RACHEL T. JACKSON,
 MARTHA G. McILVAIN,
 JANE P. DOWNING,
 HANNAH W. HAYDOCK,
 ANNIE COOPER,
 ANNA M. FERRIS,
 MARY T. LONGSTRETH,
 ANNA M. HUNT,

M. FISHER LONGSTRETH, *Ex-officio.*

Faculty of Government.

THE PRESIDENT.

THE MATRON.

EUGÈNE PAULIN.

MARIA L. SANFORD.

ARTHUR BEARDSLEY.

WILLIAM HYDE APPLETON.

SUSAN J. CUNNINGHAM.

SAMUEL S. GREEN.

THOMAS S. FOULKE.

Officers of Government and Instruction.

PRESIDENT,

EDWARD H. MAGILL, A. M.,

Professor of the Latin Language.

MATRON,

CAROLINE S. WOOD.

EUGÈNE PAULIN, A. M.,

Professor of the French Language.

MARIA L. SANFORD,

Professor of History.

ARTHUR BEARDSLEY, C. E.,

Professor of Mechanics and Engineering.

WILLIAM HYDE APPLETON, A. M.,

Professor of the Greek and German Languages.

SUSAN J. CUNNINGHAM,

Professor of Mathematics.

SAMUEL S. GREEN, M. S.,

Professor of Physics and Chemistry.

THOMAS S. FOULKE,

Superintendent.

JOSEPH LEIDY, M.D., LL. D.,
Professor of Natural History

JOSEPH THOMAS, M.D., LL. D.,
Professor of English Literature.

MARY L. AUSTIN,
Assistant Professor of the Latin Language.

KATHARINE L. ROCKWELL,
Librarian.

ELIZABETH MILLER, A.B.,
Instructor in French and in Rhetoric and Composition.

ESTHER T. MOORE, A.B.,
Instructor in Mathematics.

MARY G. PROCTER,
Instructor in German and English.

ELLEN M. GRISCOM,
Instructor in Free-hand Drawing.

M. MARIE UNDERWOOD,
Instructor in Elocution.

WILLIAM P. HOLCOMB, B.L.,
Instructor in English Branches.

EDWARD MARTIN, A.B.,
Instructor in Chemistry and in Physiology.

ELIZABETH T. LETCHWORTH
Instructor in Penmanship and in Geography.

Students.

POST GRADUATE.

EUDORA MAGILL, A.B. Swarthmore, Pa.

SENIOR CLASS.

CLASSICAL SECTION.

FENDER, WILLIAM P. Ralston, Pa.
FERRIS, W. LEA. Wilmington, Del.
FITCH, JOSEPH, Flushing, L. I.
FORSYTH, RUTH ANNA Media, Pa.
HOPPER, LESLEY Havre de Grace, Md.
KEMP, MARIE A. Harrisburg, Pa.
WHITE, JOSEPHINE Yardleyville, Pa.

MODERN CLASSICAL SECTION.

FURNAS, ELIZABETH Waynesville, O.
MILLER, CHARLES R. North Point, Pa.
WOODNUTT, ABBY M. Richmond, Ind.

SCIENTIFIC SECTION.

COLES, ISAAC R. Glen Cove, L. I.
LIPPINCOTT, ELISHA E. Long Branch, N. J.
MCCOMB, S. CRAIG. Columbus, N. J.

JUNIOR CLASS.

CLASSICAL SECTION.

CONSTABLE, ANNE E. Philadelphia, Pa.
HALL, FLORENCE West Chester, Pa.

HILLMAN, MYRA T.	Washington, D. C.
HOUGH, EMILY L.	Swarthmore, Pa.
KURTZ, GEORGINE	Reading, Pa.
LAING, GEORGE T.	Philadelphia, Pa.
LAWTON, ALBERT R.	Skaneateles, N. Y.
MAGILL, GERTRUDE B.	Swarthmore, Pa.
MOORE, THOMAS L.	Sandy Spring, Md.
PRESTON, ELLEN M.	Columbia, Pa.
WILLETS, FANNIE A.	Roslyn, L. I.

MODERN CLASSICAL SECTION.

CONROW, HOWARD F.	Wilmington, Del.
DAWSON, COLMAN	Saratoga Springs, N. Y.
KIRK, FANNIE R.	Philadelphia, Pa.
POUND, ROBINSON	Plainfield, N. J.

SCIENTIFIC SECTION.

KEISER, EDWARD H.	Hokendauqua, Pa.
MARCHER, ROBERT J.	High Bridge, N. Y.
TURTON, JOHN	New York City.
WOOD, HENRY S.	Swarthmore, Pa.

SOPHOMORE CLASS.

CLASSICAL SECTION.

† CHADBOURNE, ANNA	New Haven, Conn.
† MAROT, MARY	Philadelphia, Pa.
NORTON, Robert W.	San Antonio, Texas.
ROBERTS, ALICE	Fellowship, N. J.
SMITH, PERCIVAL C.	Brooklyn, L. I.
TUCKER, ERNEST F.	Paris, France.

MODERN CLASSICAL SECTION.

† ANGELL, MINNIE H.	Ghent, N. Y.
† BUNTING, MARTHA	Sharon Hill, Pa.

† Pursuing a partial course.

CANBY, WILLIAM, JR.	Baltimore, Md.
CLARK, BESSIE P.	Bangor, Me.
† DAY, ANNA	New Haven, Conn.
ELLIOTT, MARY J.	Norristown, Pa.
† HOPKINS, HELEN,	Philadelphia, Pa.
KESTER, ROSELDA	West Philadelphia, Pa.
KIRK, EMMA	Bryn Mawr, Pa.
LIPPINCOTT, GEORGE	Cheltenham, Pa.
MENDENHALL, ANNA	Hamorton, Pa.
† SATTERFIELD, CLARA	Greensboro, Md.
† SHOEMAKER, ALVIN T.	Baltimore, Md.

SCIENTIFIC SECTION.

BAKER, RICHARD D.	Philadelphia, Pa.
† COCKS, WILLIAM W.	Old Westbury, L. I.
COX, CHARLES B.	Port Washington, L. I.
† DORON, CHARLES B.	Germantown, Pa.
FENNIMORE, HENRY D.	Lumberton, N. J.
FIELD, CHARLES C.	Brooklyn, L. I.
JONES, A. CONRAD	Conshohocken, Pa.
PRICE, SAMUEL B., JR.	Upper Lehigh, Pa.
RUSHMORE, EDWARD C.	Cooksburg, N. Y.
SEAMAN, HARRY B.	Brooklyn, L. I.
SHARPLESS, CHARLES E.	Media, Pa.
THOMAS, J. BYRON	Cheyney, Pa.

FRESHMAN CLASS.

CLASSICAL SECTION.

BANER, W. LLEWELLYN	New York City.
† BLEAKLY, HELEN M.	Camden, N. J.
BLACKWELL, EDITH B.	Somerville, N. J.
† BREWSTER, LOTTIE E.	Rahway, N. J.
BROWNING, CHARLES R.	Orange, N. J.
BUTLER, WILLIAM, JR.	West Chester, Pa.
CLAYTON, SAMUEL L.	Chester, Pa.

† Pursuing a partial course.

COCHRAN, C. HERBERT,	West Chester, Pa.
† CONNELLY, MARY H.	Rahway, N. J.
EMERSON, WILLIAM S.	Camden, Del.
FOULKE, P. FANNIE	Buckingham, Pa.
GREEN, LYDIA S.	Media, Pa.
GREEN, SARAH S.	Media, Pa.
HALLOWELL, MARGARET E.	Philadelphia, Pa.
† HART, ELIZABETH E.	Doylestown, Pa.
HASLAM, ELIZABETH	Atglen, Pa.
HAVEN, NATHANIEL	Philadelphia, Pa.
HOLLINGSWORTH, ANNA T.	Fallston, Md.
† JOHNSON, SADIE E.	Haverford, Pa.
JONES, ELEANOR	Philadelphia, Pa.
KNIGHT, EVA B.	Feasterville, Pa.
OGDEN, ELIZABETH M.	West Chester, Pa.
PHILLIPS, GEORGE C.	Philadelphia, Pa.
REEVES, LIZZIE T.	Philadelphia, Pa.
† ROBERTS, CAROLINE	Philadelphia, Pa.
ROSSITER, HORACE L.	Spring House, Pa.
SHARPLESS, MARY R.	Chester, Pa.
THOMAS, EDWIN W.	King of Prussia, Pa.
TURTON, CHARLES B.	New York City.
WEAVER, GERRIT H.	West Grove, Pa.
ZAVITZ, EDGAR M.	Cold Stream, Ont., Can.

MODERN CLASSICAL SECTION

CALEY, JOSEPH M.	Newtown Square, Pa.
COOPER, BERTHA	Phoenixville, Pa.
FRIDENBERG, EUGENE L.	Jacksonville, Fla.
† GAWTHROP, EDITH N.	Wilmington, Del.
† LEEDOM, MIRA W.	Haverford, Pa.
† MATTHEWS, LOU E.	Cockeysville, Md.
† MERRITT, CAROLINE	Poughkeepsie, N. Y.
MILLER, CALEB S.	Sandy Spring, Md.
SEIPT, MANILIUS D.	Skippack, Pa.

† Pursuing a partial course.

SCIENTIFIC SECTION.

BOWNE, GEORGE I.	. . . . .	Bordentown, N. J.
BREWER, PAUL C.	. . . . .	Philadelphia, Pa.
BRINTON, LEWIS	. . . . .	West Chester, Pa.
ELDER, GEORGE R.	. . . . .	Johnstown, Pa.
LIPPINCOTT, J. EVANS	. . . . .	Cincinnati, Ohio.
LUKENS, NATHAN	. . . . .	Upper Darby, Pa.
MACY, EVERETT	. . . . .	New York City.
MOORE, JOSEPH T., JR.	. . . . .	Sandy Springs, Md.
QUEVEDO, DESIDERIO G.	. . . . .	Matanzas, Cuba.
ROCKHILL, CLEMENT B	. . . . .	Columbus, N. J.
† SHARPLESS, TOWNSEND	. . . . .	Philadelphia, Pa.

† Pursuing a partial course.

SUMMARY.

CLASSICAL DEPARTMENT.

Senior Class	7
Junior Class	11
Sophomore Class	6
Freshman Class	31
	<hr/>
Total	55

MODERN CLASSICAL DEPARTMENT.

Senior Class	3
Junior Class	4
Sophomore Class	13
Freshman Class	9
	<hr/>
Total	29

SCIENTIFIC DEPARTMENT.

Senior Class	3
Junior Class	4
Sophomore Class	12
Freshman Class	11
	<hr/>
Total	30

Classical Department	55
Modern Classical Department	29
Scientific Department	30
	<hr/>
Total	114

Conditions of Admission and Courses of Study.

Every applicant for admission must submit to the President satisfactory testimonials of good moral character ; and students coming from another college must present certificates of honorable dismissal from the institution left.

Examinations for admission will be held on Third, Fourth and Fifth-days, the 9th, 10th and 11th of Ninth month, 1879. Candidates must present themselves at the College at three o'clock P.M., on Third-day, the 9th of Ninth month.

To secure places, applications for admission for the next scholastic year should be made, as early as possible, by letter to the President.

Candidates for advanced standing must first be examined for admission to the Freshman Class ; then in all the *required* studies already gone over by the class for which they offer themselves, and in as many *elective* studies as they would have pursued if they had entered at the beginning of the course.

Especial attention is called to the importance of a thorough preparation in the studies required for admission. The want of this is a serious source of embarrassment to future progress, and is rarely repaired by subsequent study. The work is arranged for those only who enter the classes thoroughly prepared.

Students are not considered as regular members of the College until, after a residence of at least four months, they have been admitted to matriculation on satisfactory evidence of good moral character. Before this they are students on probation.

The attention of parents and guardians is called to the arrangement of the Courses of Study. In the Preparatory School and in the lower College classes most studies are required, while in the higher College classes many are elective. The pursuit of the regular course, whether students are candidates for degrees or not, is especially recommended before reaching the Junior year.

The studies of each class in any course are among the electives for students *of that class* in any other course, if they are prepared to pursue them, and pass the necessary preliminary examination.

POST GRADUATE COURSE.

Facilities are offered to those who desire to continue their studies after graduation.

CLASSICAL COURSE.

CONDITIONS OF ADMISSION.

Candidates for admission to the Freshman class will be examined on the following subjects and text-books, or their equivalents :

Latin.—Harkness's Grammar ; Harkness's Reader ; Harkness's Composition, first thirty lessons ; Cæsar's Gallic War, first three books ; and Virgil's *Æneid*, first two books.

French.—Magill and Paulin's First Lessons ; Magill's Grammar ; Magill's Introductory Reader, or an equivalent amount of German.

Mathematics.—Arithmetic ; Algebra, to Equations of the Second Degree ; Davies's Legendre's Geometry, first three books.

English.—English Grammar and Spelling ; Modern Geography, Descriptive and Physical ; Ancient Geography (Baird's Classical Manual) ; Physics (Rolfe and Gillet's Natural Philosophy) ; Barnes's History of the United States ; Anderson's History of England ; Smith's History of Greece.

MODERN CLASSICAL COURSE.

The MODERN CLASSICAL COURSE, for completing which the degree of BACHELOR OF LITERATURE is conferred, is the same as the following, except that a fuller course in Modern Languages and in Early English are substituted for the Ancient Languages.

Students may pursue this course and omit, if desired, any foreign language ; in which case certificates will be given on the completion of the course.

COURSE OF STUDY.

FRESHMAN CLASS.

	<i>No. of Ex. per week</i>
Latin.—Harkness's Grammar and Latin Prose Composition; Virgil's <i>Æneid</i> , continued; Livy	4
French.—Magill's Grammar; Fénelon's <i>Télémaque</i>	2
German.—Otto's Conversation Grammar; <i>Der Neffe als Onkel</i>	3
Mathematics.—Olney's Algebra, through Quadratic Equations; Davies's Legendre's Geometry, Books IV.—VI.	3
History.—Liddell's History of Rome; Schmitz's Manual of Ancient History	3
English Literature.—Lectures on English and General Literature (once a week first half-year)	$\frac{1}{2}$
Botany.—(twice a week second half-year)	1
Natural History.—Zoology; Comparative Anatomy; Comparative Physiology (Lectures)	1
Elocution.—Murdock and Russell's Vocal Culture; Coates's Speaker; Selections from Classical English Authors; Declamations	1
Rhetoric and Composition.—Hart's Rhetoric; Essays	1

ELECTIVE STUDIES.

Greek.—Goodwin's Grammar; Xenophon's <i>Anabasis</i>	4
Early English.	2
Free-Hand Drawing	2
Mechanical Drawing	4
Phonography.—(Isaac Pitman's).	2

SOPHOMORE CLASS.

	<i>No. of Ex. per week.</i>
Latin. —Harkness's Grammar and Latin Prose Composition; Cicero's Orations; Livy, continued	4
French. —Magill's Grammar; Magill's Prose and Poetry	2
German. —Otto's Conversation Grammar; Wilhelm's Einer muss heirathen; Lessing's Minna von Barnhelm	3
Mathematics. —Chauvenet's Plane Trigonometry; Davies's Legendre's Geometry, Books VII.—IX.	2
English Literature. —Lectures on English and General Litera- ture	1
Physics. —(Four times a week first half-year)	2
Chemistry. —(Four times a week second half-year)	2
Natural History. —Zoology; Comparative Anatomy; Com- parative Physiology (Lectures), Mineralogy, Geology, and Botany (once a week last half-year)	1½
Elocution. —Selections from Classical English Authors; Decla- mations, Original and Selected	1
Rhetoric and Composition. —Quackenbosc's Rhetoric; Es- says	1

ELECTIVE STUDIES.

Greek. —Goodwin's Grammar; Xenophon's Anabasis, Homer's Iliad, Greek Prose Composition; Goodwin's Greek Moods and Tenses	4
History. —Student's Gibbon; Student's History of France; History of England (Lectures)	2
Early English	2
Descriptive Geometry. —(Four times a week first-half-year)	2
Surveying. —(Four times a week second half-year)	2
Mechanical Drawing	4
Phonography. —(Isaac Pitman's)	2

JUNIOR CLASS.

	<i>No. of Ex. per week.</i>
Latin.—Horace's Odes ; Cicero's De Claris Oratoribus, De Senectute, and De Amicitia	4
Political Economy.—Principles of Political Economy, Mill ; Carey (Lectures)	2
Natural History.—Lectures on Mineralogy, Geology and Botany (once a week last half-year)	$\frac{1}{2}$
Elocution.—Declamations, Original and Selected	1
Rhetoric and Composition.—Blair's Rhetoric ; Essays	1

ELECTIVE STUDIES.

(Seven periods per week to be chosen.)

French.—Magill's Grammar ; Bôcher's College Series ; -Dumas's Napoleon, etc.	4
German.—Schiller's Maria Stuart and William Tell ; Eichendorf's Aus dem Leben eines Taugenichts ; Exercises in writing German	3
Greek.—Selections from Greek Historians ; Plato's Apology and Crito	4
Mathematics.—Chauvenet's Spherical Trigonometry ; Olney's Higher Algebra	4
History.—History of the United States (Lectures) ; History of Modern Europe (Lectures)	2
Early English	2
Mechanics	2
Engineering Drawing	4
Chemistry.—Laboratory Practice	—
Phonography.—(Isaac Pitman's)	2

SENIOR CLASS.

	<i>No. of Hrs. per week.</i>
Mental and Moral Philosophy. —Lectures	1
Latin. —Horace's Satires and Epistles ; Tacitus, Agricola, and Germania ; Selections from Juvenal	4
History. —Guizot's History of Civilization ; De Tocqueville's Democracy in America ; Constitution of the United States	2
Natural History. —Lectures on Mineralogy, Geology, and Botany (once a week last half-year)	½
Elocution. —Original Orations	1
Rhetoric and Composition. —Essays	1

ELECTIVE STUDIES.

(Twelve periods per week to be chosen.)

French. —Magill's Grammar ; Corneille's Cid ; Racine's Athalie ; Molière's Misanthrope, etc.	4
German. —Goethe's Dramas ; German Prose ; Exercises in writing German ; History of German Literature (Lectures)	4
Greek. —Sophocles's Antigone ; Euripides's Alcestis ; Demosthenes's De Corona ; History of Greek Literature (Lectures)	4
Mathematics. —Olney's Analytical Geometry ; Olney's Differential and Integral Calculus	4
Chemistry. —Experimental work in the Laboratory	4
Astronomy. —Loomis's Astronomy ; Chauvenet's Spherical and Practical Astronomy	4
Early English	2
Engineering	2
Mechanics	4
Phonography. —(Isaac Pitman's)	2

SCIENTIFIC COURSE.*

CONDITIONS OF ADMISSION.

The conditions of admission are the same as for the Classical Course, except that Latin is not required, although a sufficient knowledge of the construction to read easy Latin Prose is earnestly recommended. It is also very desirable that all applicants for admission should have had at least one year's instruction in Free-hand Linear Drawing.

COURSE OF STUDY.

There are no Elective Studies in the first two years of this course. In the Junior and Senior years students may elect either all Chemical or all Engineering studies, or from both departments. While full courses in professional studies are thus provided for, it will be seen that care has been taken to secure *general culture*, and not to make of students of this course *merely* chemists or engineers.

CHEMICAL DEPARTMENT.

The work in this department occupies four years, and is intended to prepare students to fill positions as teachers or analytical chemists, and to provide such a general knowledge of chemical science, and its applications to the arts, for those who wish to take up the special problems of technical chemistry, as will afford a good basis for their subsequent investigations.

The department is also open to those students of maturer age whose time is limited, and who wish to prepare themselves for positions requiring a knowledge of Chemistry.

A partial course in Medical Chemistry has been arranged as an Elective, for the benefit of those who intend to study medicine or pharmacy after graduation.

* For graduation in this course not less than two years of French and two of German will be required.

The Laboratory has been fitted up in the most approved manner to accommodate twenty-six students at a time, each desk being provided with running water, gas, and sink. The Laboratory is heated by steam, and furnished with hoods, sand, steam and air baths, furnaces, balances, a good microscope, spectroscope, etc., suitable for carrying on all ordinary Laboratory work.

Students will be charged only for chemicals and apparatus actually used up. No charge is made for gas.

ENGINEERING DEPARTMENT.

The object of this department is to furnish a good foundation in Mathematics, Physics, Mechanics, and Drawing, and their applications, for the student of Civil or Mechanical Engineering. Its graduates will be prepared to become immediately useful in the office or field, in subordinate positions, and, after a fair amount of practice, to design and take charge of important works. The department is also open to those students whose time is limited, and who do not intend to graduate, by whom partial courses in Surveying and Draughting can be pursued with great practical advantage.

The department is well provided with the necessary field instruments, and each student is made familiar with their uses and management. The Draughting-room is well lighted from above, and is provided with the Worcester Adjustable Drawing-Tables, models, drawings, etc.

Connected with the department is a machine-shop, in which a certain amount of practice is required of each student, who thus becomes acquainted with the uses of the various tools, and learns to avoid errors in designing, by being required to execute, from his own drawings, parts of structures or of machinery. The shop is well provided with excellent tools, including a screw-cutting engine lathe, iron planer, etc. A vertical engine and boiler of four horse power, built for the department, is used both for running the machinery and for class illustration and instruction.

FRESHMAN CLASS.

	<i>No. of Ex. per week.</i>
Physics.—Lectures (first half-year)	4
Chemistry.—Inorganic Chemistry; Lectures (last half-year)	4
Graphics.—Construction of Plane Problems in Geometry; use of Draughting Instruments, India Ink, and Colors; projections (first half-year)	4
Mathematics.—Olney's Algebra, through Quadratic Equations; Davies's Legendre's Geometry, Books IV.—VI.; Chauvenet's Plane Trigonometry	4
French.—Magill's Grammar; <i>Siège de la Rochelle</i>	2
Or, German.—Otto's Conversation Grammar; <i>Der Neffe als Onkel</i>	1
History.—Liddell's History of Rome; Schmitz's Manual of Ancient History	3
English Literature.—Lectures on English and General Literature (once a week first half-year)	$\frac{1}{2}$
Botany.—(twice a week second half-year)	1
Natural History.—Zoology; Comparative Anatomy; Comparative Physiology (Lectures)	1
Elocution.—Murdock and Russell's Vocal Culture; Coates's Speaker; Selections from Classical English Authors; Declamations	3
Rhetoric and Composition.—Hart's Rhetoric; Essays	1

ELECTIVE STUDIES.

Early English	2
Latin	4
Phonography.—(Isaac Pitman's)	2

SOPHOMORE CLASS.

	<i>No. of Ez. per week.</i>
Mathematics.—Davies's Legendre's Geometry, Books VII.-IX.; Olney's Analytical Geometry; Olney's Differential and Integral Calculus	4
Physics and Chemistry.—Lectures	2
Laboratory Practice.—Blow-pipe Analysis and Determinative Mineralogy—Nason and Chandler; Qualitative Analy- sis—Thorpe	4
Descriptive Geometry.—Orthographic Projections of the Point, Right Line, and Plane	2
Graphics.—Projection Drawing; Tinting and Shading; Con- struction of Problems in Descriptive Geometry	4
Surveying.—Gillespie, and Lectures	2
German.—Otto's Conversation Grammar; Wilhelmi's Einer muss heirathen	3
Or, French.—Magill's Grammar; Magill's Prose and Poetry	2
English Literature.—Lectures on English and General Litera- ture	1
Natural History.—Zoology; Comparative Anatomy; Com- parative Physiology (Lectures); Mineralogy, Geology, and Botany (once a week last half-year)	1½
Elocution.—Selections from Classical English Authors; Decla- mations, Original and Selected	1
Rhetoric and Composition.—Quackenbos's Rhetoric; Essays	1

ELECTIVE STUDIES.

Early English	2
Latin	4
Phonography.—(Isaac Pitman's)	2

JUNIOR CLASS.

	<i>No. of Ex. per week.</i>
Mechanics.—Analytical Mechanics of Solids and Fluids	2
Mathematics.—Chauvenet's Spherical Trigonometry ; Olney's Higher Algebra	4
Political Economy.—Principles of Political Economy, Mill ; Carey (Lectures)	1
Natural History.—Lectures on Mineralogy, Geology, and Botany (once a week last half-year)	$\frac{1}{2}$
Essays on Scientific Subjects	1

ELECTIVE STUDIES.

(Twenty-two periods per week to be chosen.)

Chemical Philosophy.—Cooke	2
Chemistry.— <i>Practical</i> —Quantitative Analysis ; Mineral Analy- sis ; Spectrum Analysis ; Volumetric Analysis	4 to 18
Engineering.— <i>Geodesy</i> —Theory, Adjustment and use of Engi- neering Field Instruments ; Leveling ; Topographical, Triangular, and Hydrographical Surveying	4
Practical Exercises in Engineering Field Work, or in the Machine Shop ; Visits to and Sketches of Special Ma- chinery and Structures	10
Descriptive Geometry.—Warped Surfaces and Intersections ; Shades, Shadows and Perspective ; and Applications	2
Graphics.—Topographical, Structure, and Machine Drawing ; Principles of Mechanism	6
French or German	3
Latin	4
Phonography.—(Isaac Pitman's)	2

SENIOR CLASS.

	<i>No. of Ex. per week</i>
Astronomy.—Descriptive Astronomy and Determination of Meridian, Time, Latitude and Longitude	4
Mental and Moral Philosophy.—Lectures	1
Natural History.—Lectures on Mineralogy, Geology, and Botany (once a week last half-year)	1/2
Essays on Scientific Subjects	1

ELECTIVE STUDIES.

(Twenty-four periods per week to be chosen.)

Chemistry.—Organic and Technical Chemistry	2
Laboratory Practice.—Quantitative Analysis continued; Organic Analysis; Special Determinations; Chemical Preparations	8 to 22
Engineering.— <i>Road Engineering</i> —Theory and Practice; <i>Constructions</i> —Stability of Structures, Building Materials, Foundations and Superstructures, Bridge Engineering	2
Mechanics.— <i>Physical Mechanics</i> —Friction and other Resistances, Stress and Strength of Materials, Practical Hydraulics, Practical Pneumatics; <i>Machines</i> —General Theory of Machines, Theory of Prime Movers	4
Graphics.—Plans, Profiles, and Sections of Road Surveys; Machine and Structural Drawing; Working Drawings	8
Practical Exercises in Field Work and in the Machine-shop	10
French or German	3
Latin	4
Phonography.—(Isaac Pitman's)	2

DEGREES, &c.

The Degree of A. B. is conferred upon students who complete the Classical Course, and pass the examinations in the same.

The Degree of B. L. is conferred upon students who complete the Modern Classical Course (see p. 17), and pass the examinations in the same.

The Degree of B. S. is conferred upon students who complete the Scientific Course, and pass the examinations in the same.

The Degree of A. M. will be given, three years after graduation, to all Bachelors of Arts who shall have engaged, during that period, in professional or literary studies, and who shall present an acceptable thesis.

The Degree of M. L. will be given, three years after graduation, to all Bachelors of Literature who shall have engaged, during that period, in professional or literary studies, and who shall present an acceptable thesis.

The Degree of M. S. will be given, three years after graduation, to all Bachelors of Science who shall have engaged, during that period, in professional or scientific studies, and who shall present an acceptable thesis upon some scientific subject.

The Degree of C. E. will be given, three years after graduation, to all Bachelors of Science of the Engineering Department who shall have engaged, during that period, in professional practice, and who shall present an acceptable thesis upon subjects pertaining to Civil Engineering.

Applications for the Second Degree in any course must be made, and the thesis presented, at least three months before Commencement.

The Second Degree will also be conferred upon those Bachelors of Arts, of Literature, or of Science who, as Resident Graduates, shall continue their studies under the advice and direction of the Faculty for one year after graduation, and pass the examinations in the same.

For the Completion of Partial Courses of study suitable certificates will be granted.

A Diploma and Certificates of different grades will be given for a more or less extended course in the Normal Department.*

* See Managers' Report, p. 47.

GENERAL INFORMATION.

SITUATION.

SWARTHMORE COLLEGE is situated on the West Chester and Philadelphia Railroad, ten miles from Philadelphia. Cars leave the depot at Thirty-first and Chestnut Streets, West Philadelphia, ten times daily.

POST-OFFICE ADDRESS AND CITY OFFICE.

The Post-office address is SWARTHMORE, DELAWARE CO., PA. Express packages may be sent to this address, or, *if small*, may be left in care of Friends' Book Association, 706 Arch Street, Philadelphia.

LIBRARIES.

The Libraries of the College now contain over three thousand volumes. Each department of study is supplied with a good and steadily increasing library of reference. The General Library is accessible to all the students, according to the rules established by the Faculty, and is open once a week during term-time for the delivery of reading books, and daily for the delivery of books of reference needed by the students. It is open at all times to teachers and members of the household.

Friends' Historical Library of Swarthmore, founded by Anson Lapham, which contains a small but increasing collection of Friends' books, photographs of representative Friends, and manuscripts relating to the Society and its history, is at all times accessible to teachers, students, and members of the household.

PHYSICAL CULTURE.

Regular daily exercises in the open air is encouraged, for which the extensive grounds connected with the College afford ample facilities.

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 for religious purposes is carefully observed. On First-day morning a religious meeting is held, attended by students, teachers, and members of the household, and occasionally by visiting Friends. The meeting is preceded by First-day school exercises, consisting of the recitation of passages of Scripture prepared by members of the different classes, and the reading of a portion of Scripture at the close. The daily exercises are opened by a general meeting for reading selected portions of Scripture, or other suitable books, and imparting such moral lessons as circumstances seem to require, followed by a period of silence before entering upon the duties of the day.

VISITING AND LEAVE OF ABSENCE.

Students should not be visited at the College on the FIRST DAY OF THE WEEK.

Leave of absence cannot be granted without a written request from parents or guardians, which request should, in all cases, be accompanied by reasons satisfactory to the Faculty.

Students may be visited, on week-days, by parents or guardians, or by near relatives, or others 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 who are desirous of examining the methods of instruction and discipline at Swarthmore, will be welcomed at any time, and should, when convenient, communicate with the President upon the subject in advance.

COMMENCEMENTS AND VACATIONS.

The College year begins on the second Third-day of Ninth month, and closes with Commencement-day, which occurs on the third Third-day of Sixth month.

Students are not admitted for a period terminating earlier than the current College year, but, when vacancies exist, may enter at any time during the year, if prepared to join existing classes.

Besides the summer vacation there will be a vacation of one week at Christmas.

OUTFIT.

Although no form of dress is prescribed for either sex, such simple attire as is appropriate to school life is earnestly recommended.

Earrings, bracelets, necklaces, and elaborately-trimmed dresses are prohibited.

Students should be supplied with six towels, six 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.

USE OF TOBACCO.

The use of Tobacco being strictly prohibited, those addicted to its use, unless prepared to renounce it entirely, should not apply for admission.

EXPENSES.

FOR RESIDENT STUDENTS the price of board and tuition is \$350 per year, of which \$200 is payable in advance, and \$150 on the first of First month. A proportionate deduction is made to those students who enter after the opening of the College year.

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

Books are furnished for the use of students without expense, but they buy their own stationery and drawing implements. Students in Practical Chemistry pay for the chemicals which they use in the Laboratory. No additional charge is made in case of sickness unless a physician is employed.

THERE ARE NO EXTRA CHARGES.

The price being made as low as experience shows to be compatible with prudence, while many of our expenses are annual in their character, and teachers and other officers at fixed yearly salaries must be engaged in proportion to the number of students entered, we cannot, in case of withdrawals, return the full proportionate amount paid, without loss. When the connection of a student with the College shall terminate before the end of the period for which payment has been made, by sickness, or any other cause, approved by the Faculty, the student may have the privilege of sending an approved substitute, for the unexpired term, or may apply, in writing, to the Treasurer, and a return will be made at the rate of \$25 per month, from the date of said application or written notice that the place is vacated.

PAYMENTS.

Payments are to be made by check or draft to the order of
 ROBERT BIDDLE, TREASURER,
 No. 511 COMMERCE STREET, PHILADELPHIA.

PREPARATORY SCHOOL.

GENERAL STATEMENT.

This school is intended to prepare students for the Classical and Scientific Courses of the College, or to furnish a good practical education to those desiring a shorter course. Most of the studies pursued are required of all, but few being optional, as experience has clearly shown that young students make much more satisfactory progress when pursuing a regularly required course, even for a single year, without any idea of graduation, than when they select all their studies for themselves. The course of study in this school, while it is an essential preparation for the departments of the College, is also believed to be the best training for those whose means and circumstances require that they should finish their studies in the Preparatory School, or before reaching the end of the College course. Attention is invited to the course of study as here arranged, and the various Preparatory Schools throughout the country are requested to conform to it, as far as practicable, and to prepare students to enter our Freshman Class, either in the Classical or the Scientific course. To secure this end, a thorough mastery of the elementary principles of the *subject* taught, and not a mere knowledge of the text-books required, is most earnestly recommended. Subsequent study can rarely, if ever, atone for deficient preparation.

ORGANIZATION.

The School is at present divided into four classes, A, B, C, and D. Classes A and B are divided into classical and scientific sections, preparing for these respective courses in the College.

GOVERNMENT AND INSTRUCTION.

The students of the Preparatory School are under the same general management as the College classes. With a few exceptions,

the same general rules are applicable to both, and the students of this School receive instruction from teachers employed especially for this purpose, and also from professors and instructors of the College.

EXPENSES, ETC.

For expenses, payments, etc., see under General Information, on page 31.

The charges in the Preparatory School are the same as in the College, with the following exceptions :

In Class C the charge is \$300 a year.	
The 1st payment is	200 00
“ 2d “	100 00
In Class D the charge is \$250 a year.	
The 1st payment is	\$200 00
“ 2d “	50 00

CONDITIONS OF ADMISSION.

Applicants for admission must be at least thirteen years old, and should submit to the President, from their last teacher, satisfactory testimonials of good moral character.

Examinations for admission will be held on Third-, Fourth-, and Fifth-days, the 9th, 10th, and 11th of Ninth month, 1879. Candidates must present themselves at three o'clock P.M. on Third-day, the 9th of Ninth month. To secure places, applications for admission for the next scholastic year should be made, as early as possible, by letter to the President.

Candidates for admission to Class C will be examined as follows :

In Elements of English Grammar, embracing a knowledge of the Parts of Speech and their uses ; Reading and Spelling ; Geography of the United States ; Arithmetic, through Decimal Fractions.

Candidates for the advanced classes of the Preparatory School will be further examined in the studies of the classes below that which they propose to enter.

COURSES OF STUDY.

The only elective studies in the Preparatory School are as follows:
 Natural History (Lectures), elective in all the classes;
 Latin and French, elective in Class C.
 When specially requested, German may be substituted for French
 in any of the classes of the Preparatory School.

CLASS D.

This Class consists of those not sufficiently advanced to enter Class C.

The studies pursued are the same in both Classes.

CLASS C.

	<i>No. of Ex. per week.</i>
Arithmetic.—Brooks's Normal Written and Brooks's Normal Mental Arithmetic, through Interest	4
Geography.—Guyot's Grammar School Geography; Map Drawing	3
Grammar.—Swinton's Language Lessons	3
History.—Ridpath's History of the United States	2
Reading and Speaking.—Phonetic Spelling; Enunciation of Words; Monroe's Fifth Reader; Declamations	3
Spelling.—Leach's Speller, and Dictations	2
Composition	1
Writing	2
Free-hand Drawing	2

Elective Studies.

Latin.—Harkness's Introductory Latin Book	2
French.—Magill and Paulin's First Lessons in French.	2

CLASSICAL COURSE.

CLASS B.

	<i>No. of Ex. per week</i>
Latin.—Harkness's Grammar and Reader; Cæsar begun	4
French.—Magill and Paulin's First Lessons in French; Magill's Introductory French Reader	3
Mathematics.—Milne's Practical Arithmetic; Brooks's Al- gebra, through Division	3
Geography.—Warren's Physical Geography	2
History.—Anderson's History of England	3
Reading and Speaking.—Phonetic Spelling; Enunciation of Words; Hillard's Fifth Reader; Declamation	2
Spelling.—Leach's Speller, and Dictations	1
Composition	1
Writing	2
Free-Hand Drawing	2

CLASS A.

Latin.—Harkness's Grammar; Harkness's Latin Prose Com- position, first thirty lessons; Cæsar's Gallic War, con- tinued; Virgil's Æneid, begun	4
French.—Magill's French Grammar; Magill's Introductory French Reader	3
Mathematics.—Brooks's Algebra to Quadratic Equations; Davies's Legendre's Geometry, Books I.-III.	3
Physics.—Elementary Physics and Chemistry (Lectures)	1
Uranography.—(Twice a week first half-year)	1
Physiology.—(Twice a week last half-year)	1
History and Geography.—Smith's History of Greece; Review of the History of the United States and England	3
Reading and Speaking.—Hillard's Sixth Reader; Murdock and Russell's Vocal Culture; Declamation	2
Spelling.—General Exercises upon Lists of Difficult Words; Dictations	1
Composition	1
Writing	2
Free-Hand Drawing	2

SCIENTIFIC COURSE.

CLASS B.

	<i>No. of Es. per week</i>
Mathematics.—Milne's Practical Arithmetic; Brooks's Algebra, through Division	4
*English Grammar.—Brown's English Grammar	4
French.—Magill and Paulin's First Lessons in French; Magill's Introductory French Reader	3
Geography.—Warren's Physical Geography	2
History.—Anderson's History of England	3
Reading and Speaking.—Phonetic Spelling; Enunciation of Words; Hillard's Fifth Reader; Declamations	2
Spelling.—Leach's Speller, and Dictations	2
Composition	1
Writing	2
Free-Hand Drawing	2

CLASS A.

Mathematics.—Brooks's Algebra to Quadratic Equations; Davies's Legendre's Geometry, Books I.—IV.	4
Physics.—Elementary Physics and Chemistry (Lectures)	1
* English Grammar.—Analysis and Parsing, Merchant of Venice	4
French.—Magill's French Grammar; Magill's Introductory French Reader	3
Uranography.—(Twice a week first half-year)	1
Physiology.—(Twice a week last half-year)	1
History and Geography.—Smith's History of Greece; Review of the History of the United States and England	3
Reading and Speaking.—Hillard's Sixth Reader; Murdock and Russell's Vocal Culture; Declamations	2
Spelling.—General Exercises; Dictations	2
Composition	1
Writing	2
Free-Hand Drawing	2

* Latin may be substituted for English Grammar in this course, at the request of parents or guardians.

List of Students in the Preparatory School.

CLASS A.

CLASSICAL SECTION.

ALLEN, VIRGINIA	Germantown, Pa.
CAMPBELL, CHARLES	Shickshinny, Pa.
CLARK, LAURA S.	Mt. Pleasant, O.
COATES, LEORA	Christiana, Pa.
CROZER, LILLIE C.	Trenton, N. J.
DEACON, MARY F.	Mt. Holly, N. J.
DOW, RICHARD S.	Brooklyn, L. I.
DOWNING, HENRY M.	West Chester, Pa.
FORSYTH, ANNA L.	Pemberton, N. J.
FRUIT, JOHN	Hazleton, Pa.
HANES, FLORENCE N.	Woodstown, N. J.
HIBBERD, MARY C.	Haddington, Phila.
HUBBARD, ANNA R.	Chestertown, Md.
JACKSON, ALICE W.	Horsham, Pa.
KIRK, THEODORE V.	Philadelphia, Pa.
KIRTLAND, CLARA M.	West Meriden, Conn.
KNOX, MARY	Washington, D. C.
LUKENS, WILLIAM, JR.	Neshaminy, Pa.
MATLACK, BERTHA	Camden, N. J.
MITCHELL, S. DUFFIELD	West Chester, Pa.
PATTERSON, HENRY L.	Philadelphia, Pa.
PARRISH, RICHARD P.	Philadelphia, Pa.
PENNOCK, EDWARD A.	London Grove, Pa.
PENNOCK, JAMES L.	Chatham, Pa.
READ, ALFRED H.	Norristown, Pa.
RUSHMORE, JANE P.	Cooksburg, N. Y.
TRIMBLE, MARY E.	Goshenville, Pa.
VERREE, JAMES E.	Verreeville, Pa.
WETHERED, LEWINA,	San Francisco, Cal.

WILLCOX, CHARLES	New Haven, Ct..
WOOD, LOUISA C.	Swarthmore, Pa.

CLASS A.

SCIENTIFIC SECTION.

ANGELL, CAROLINE M.	Ghent, N. Y.
BARDSLEY, ELIZABETH E.	Philadelphia, Pa..
CARTER, VAULX	Brooklyn, L. I.
CLINE, GEORGE A.	Roslyn, L. I.
CONROW, A. ALIDA	Philadelphia, Pa..
DOWDALL, WILLIAM F.	Avondale, Pa.
ENGLISH, ELLEN	Philadelphia, Pa.
GARNER, CHARLOTTE S.	Ridgewood, L. I.
GAWTHROP, EVAN B.	West Grove, Pa.
GRUNDY, JOSEPH R.	Bristol, Pa.
HALDEMAN, FANNIE	Newtown Square, Pa..
HAMMER, LILLIE E.	Germantown, Pa.
HARPER, ESTHER	Fox Chase, Philad'a.
HOFER, MARY A.	Camden, N. J.
JONES, WILLIAM P.	Conshohocken, Pa.
KEEMLÉ, SAMUEL	Johnstown, Pa.
KETCHAM, GEORGE H.	Toledo, O.
KISSAM, WILLIAM, A., JR.	Little Neck, L. I.
KNOX, WILLIAM	Washington, D. C..
LAMB, WILLIAM R.	Mt. Holly, N. J.
LEVIS, CHARLES	Upper Darby, Pa.
LIPPINCOTT, ALFRED H.	Philadelphia, Pa.
MCCLENAHAN, CHARLES A.	Port Deposit, Md..
MOORE, R. ROWLAND	Sandy Spring, Md.
NORTON, HOWARD E.	Ironton, O.
POWELL, THOMAS M.	Upper Lehigh, Pa.
PLYE, CHARLES S.	West Grove, Pa.
SEAMAN, FREDERICK A. JR.,	Madison, N. J.
THORNE, EDWARD C.	Yonkers, N. Y.
TRACY, RANDOLPH	West Meriden, Conn..
WOLLASTON, FRANK H.	New Garden, Pa.
WOODNUTT, CLEMENT A.	Richmond, Ind.

CLASS B.

CLASSICAL SECTION.

ATLEE, EDWIN I.	Philadelphia, Pa.
ATLEE, MARGARET	Philadelphia, Pa.
BALDWIN, IDA L.	Philadelphia, Pa.
BIRDSALL, REBECCA	Lincoln, Va.
COLES, MARGARET	Harrisonville, N. J.
ELKINS, WILLIAM L.	Philadelphia, Pa.
GREER, ANNIE N.	Philadelphia, Pa.
GREIST, ELLA M.	Otoe Agency, Neb.
GRIFFEN, EDITH	Brooklyn, L. I.
HOPPER, RAYMOND G.	Newark, N. J.
JONES, REBECCA S.	Monroe, Neb.
MOORE, FREDERICK P.	Sandy Spring, Md.
PENNYPACKER, C. HENRY	West Chester, Pa.
PENNYPACKER, LEVIS P.	West Chester, Pa.
PRICE, JOHN B.	Upper Lehigh, Pa.
SAILER, A. LINCOLN	Mt. Holly, N. J.
SATTERTHWAITE, LAURA H.	Trenton, N. J.
SHENK, DAVID B.	Lancaster, Pa.
STEVENS, BESSIE	Reading, Pa.
TELLER, JULIUS L.	Philadelphia, Pa.
THOMAS, EDGAR	Shoemakertown, Pa.
THOMAS, RUTH K.	King of Prussia, Pa.
THOMPSON, MARY I.	Philadelphia, Pa.
TRAVILLA, MARY N.	West Chester, Pa.
TURNER, GERTRUDE	Washington, D. C.
UNDERHILL, BENJAMIN M.	Orange, N. J.
VALENTINE, ELLA	Brooklyn, L. I.
WETHERED, CARRIE	San Francisco, Cal.
WILLS, HANNAH W.	Philadelphia, Pa.
WINTRINGHAM, HELEN E.	Brooklyn, L. I.
ZÖRNS, FRANK	Sellersville, Pa.

CLASS B.

SCIENTIFIC SECTION.

ALLEN, BENJAMIN F.	Germantown, Pa.
BOND, CHARLES E.	Sandy Spring, Md.
CALDWELL, FRANK G.	Philadelphia, Pa.
CALEY, MARY M.	Newtown Square, Pa.
DEACON, EDWARD B.	Burlington, N. J.
FOWLER, GEORGE R.	Cienfuegos, Cuba.
HALLOWELL, WILLIAM P., JR.	Philadelphia, Pa.
HARRIS, HENRY C.	Fernwood, Pa.
HOLLOWAY, GEORGE H.	Brooklyn, L. I.
JONES, MORTIMER A.	Germantown, Pa.
KENT, LEORA S.	Cochransville, Pa.
KIRTLAND, FREDERICK	West Meriden, Conn.
LUNDY, MARY	Pemberton, N. J.
MCDOWELL, THEODORE L.	Jersey City, N. J.
MENCKE, WILLIAM F.	Philadelphia, Pa.
MORRELL, JOSEPH C.	Mamaroneck, N. Y.
PANCOAST, HANNAH L.	Woodstown, N. J.
PYLE, CARLETON J.	Mortonville, Pa.
SMEDLEY, EDGAR M.	Media, Pa.
SMEDLEY, SAMUEL	Media, Pa.
WILSON, DAISY	Dover, Del.

CLASS C.

ALLEN, WILLIAM	Germantown, Pa.
DEACON, JOSEPHINE	Waterbury, Conn.
GREIST, ESTHER H.	Otoe Agency, Neb.
HUMPHREYS, ENOS H.	Lower Merion, Pa.
IVINS, GEORGE T.	Trenton, N. J.
JENNINGS, HARRY J.	Tidioute, Pa.
KIMBALL, GRACIE	New York City.
LAWRENCE, AUGUSTA	Bay Side, L. I.
LA RUE, MARGARET J.	Philadelphia, Pa.
LIPPER, HARRY M.	Philadelphia, Pa.
NEALL, CHARLES H.	Philadelphia, Pa.

NICHOLAS, WILLIAM G.	Roxborough, Pa.
PENNOCK, CHARLES W.	Coatesville, Pa.
POWNALL, LEVI	Christiana, Pa.
THORNTON, SAMUEL	Byberry, Pa.
WETHERED, MOLLIE	San Francisco, Cal.
WHITSON, THOMAS	Flushing, L. I.
WILLIAMSON, ADAM B.	Fernwood, Pa.
WILSON, FRANK	Philadelphia, Pa.

CLASS D.

DAVIS, ADALINE B.	Penn's Park, Pa.
DAVIS, CHARLES G.	Philadelphia, Pa.
GEIGAN, JOSEPH E.	Baltimore, Md.
HIBBERT, DECATUR H.	Wallingford, Pa.
HOOPES, LOUIS H.	Philadelphia, Pa.
LATTY, EDWIN A.	Defiance, O.
LAWRENCE, GEORGE	Bay Side, L. I.
SUMNER, EDWARD W.	Brooklyn, L. I.
SUMNER, HELEN K.	Brooklyn, L. I.
TAYLOR, HOWARD G.	Byberry, Pa.
THOMPSON, JUSTICE M.	Philadelphia, Pa.
WAGNER, CLYDE R.	Freemont, O.
WARNER, ANNA H.	Penns Park, Pa.
WETHERED, WOODWORTH	San Francisco, Cal.
WOOD, LUCRETIA N.	Winchester, Va.

SUMMARY.

Class A	63
Class B	52
Class C	19
Class D	15
Total in Preparatory School	149

GENERAL SUMMARY
OF THE
COLLEGE AND PREPARATORY SCHOOL.

Post Graduate	5
Senior Class	13
Junior Class	19
Sophomore Class	30
Freshman Class	50
Preparatory Students	142
	<hr/>
Total	262

SUMMARY BY STATES.

Pennsylvania	138
New York	37
New Jersey	3
Maryland	14
Ohio	8
Connecticut	7
Delaware	5
California	4
District of Columbia	4
Nebraska	3
Indiana	2
Virginia	2
Florida	1
Maine	1
Texas	1
Canada	1
France	1
Cuba	2
	<hr/>
Total	262

MINUTES
OF THE
FIFTEENTH ANNUAL MEETING
OF THE
STOCKHOLDERS
OF
SWARTHMORE COLLEGE,
HELD
TWELFTH MONTH THIRD,
1878.

MINUTES.

At the Fifteenth Annual Meeting of the Stockholders of Swarthmore College, held at Race Street Meeting House, Philadelphia, Twelfth month 3rd, 1878, due public notice having been given, in accordance with the provisions of the Charter:—

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

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

Isaac Stephens,	Martha G. McIlvain,
James V. Watson,	Annie Cooper,
Clement Biddle,	Sarah H. Baker,
Edward Taylor,	Eliza H. Bell.

The Board of Managers reported that Clement M. Biddle had resigned his position as a member of the Board, and that Edward H. Ogden had been appointed to fill the vacancy for the unexpired term of three years;—

Also, that Ellwood Burdsall had resigned his position as a member of the Board, and that the vacancy occasioned thereby had been left to be filled by the Stockholders.

To nominate the officers of the Corporation, required by the Charter, viz.; two Clerks and a Treasurer, to serve for the ensuing year, and nine Friends, who are Stockholders, to fill the vacancies in the Board of Managers, the following were appointed:

Samuel Willets, Dillwyn Parrish, Anna M. Ferris, Jacob S. Bunting, John D. Hicks, Daniel Underhill, Mary C. Blackburn, Matilda Garrigues, B. Rush Roberts, Clement M. Biddle, Charles M. Biddle, and Emily Canby.

The reports of the Board of Managers, the Treasurer, and the Committee on Trusts, Endowments and Scholarships, were read, separately considered, approved, and referred to the incoming Board for publication.

The Nominating Committee, having withdrawn for a time, submitted the following nominations:

CLERKS FOR ONE YEAR.

GEORGE W. HANCOCK, MATILDA GARRIGUES.

MANAGERS FOR FOUR YEARS.

ISAAC STEPHENS,	MARTHA G. McILVAIN,
JAMES V. WATSON,	ANNIE COOPER,
CLEMENT BIDDLE,	SARAH H. BAKER,
ISAAC H. CLOTHIER,	ELIZA H. BELL;

To fill the vacancy occasioned by the resignation of Ellwood Burdsall, for the unexpired term of two years,

CLEMENT M. BIDDLE.

TREASURER FOR ONE YEAR.

ROBERT BIDDLE.

To serve as inspectors of the Election, C. Newlin Pierce, Isaac H. Cocks, and B. Rush Roberts were appointed.

An election by ballot was held, and the Inspectors reported the above officers duly elected, without opposition.

A proposition was received from the Board of Managers to change the last sentence of By-law V. to read as follows: "He shall report to the Board at the stated meeting in the Ninth month."

The proposition was approved, and the By-law, as changed, was adopted.

The following changes in the constitution were proposed for consideration next year, and the clerks were directed to give the required notice to the stockholders:

1st. In Article III., for "each stockholder having one vote," read, "each stockholder having one vote for each share of stock held by him or her," and omit the following: "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."

2d. In Article III., for "each stockholder having one vote," read "each stockholder having one vote for each share of stock held by him or her, to ten shares inclusive, and one vote on each additional five shares so held; provided that no stockholder shall have more than one hundred votes."

Then adjourned.

ISAAC H. CLOTHIER,	} Clerks.
SARAH F. CORLIES,	

MANAGERS' REPORT.

As the organization of our College becomes more permanent and regular, an account of the work done can vary but little from year to year, and although the real value of that work is steadily increasing, the need and the interest of a detailed report of it to the stockholders is constantly diminishing.

As announced last year, the Board of Managers authorized the Committee on Trusts, Endowments and Scholarships, at their discretion, to admit any students in the Preparatory School at the rate of \$250 per annum. That committee decided that it was best to confine the offer, for this year, to *the children of Friends*, all of whom have been admitted to the school at the reduced rate; and in addition to this, aid has been freely extended, from the interest of the Endowment Fund, still further to cheapen tuition where deserving applicants could not pay full rates. This aid has not been confined to Friends, and has been especially offered, in a separate circular, to those who are preparing themselves for the business of teaching.

The result of this reduction in the price of tuition has been a largely increased attendance, and the income, even at the lower rates, has increased faster than the expenses. It should be remembered that many of our expenses, as fuel, light, salaries, wages, etc., are nearly as great with a smaller attendance as when the College is full. The price in Class D. has now been fixed at \$250 a year, and in Class C, \$300, the other classes remaining at \$350, as heretofore. As we shall continue, at these reduced rates, to furnish books, and to make no extra charges, it is believed that most Friends, and others seeking an education for their children under the care of Friends, will find these charges both reasonable and within their means. As heretofore, the Committee on Trusts will be able to make further reductions upon these prices when deserving cases are

brought to their notice. Correspondence upon this subject is treated as of a confidential nature, and should be addressed to the Secretary and Treasurer of the Endowment Committee.

The number of students entered for the present year is considerably greater than at the last report. The classification is as follows:

Post Graduate,	1
Seniors,	13
Juniors,	19
Sophomores,	30
Freshmen,	50
Class A (Preparatory),	63
Class B	52
Class C	19
Class D	15
Whole number in the College,	113
“ “ Preparatory School,	149
	<hr/>
Total,	262

The courses of study remain, for the most part, unchanged, except that a wider range of Elective Studies is allowed, and more substitutions are permitted. One of the principal changes in this respect is, that the study of the German Language may be substituted for that of the French in the Preparatory School as well as in the College, and that French and German are not both required at the same time in the Scientific Course.

For those, also, who desire a purely English course, ample provision, by a comprehensive study of our English Classics, is now made. For the completion of this course suitable certificates are given.

It is well known to the stockholders that one prominent object of the founders of Swarthmore College was to furnish a corps of thoroughly educated teachers among Friends; to open to persons who are preparing for this important work the advantages of that broad and liberal culture which they would otherwise find it difficult to obtain; and to give them a thorough scholastic training, under the high moral and social influences which are so necessary in the education of those who are to form the minds and characters of our children. A true estimate of the urgent need of such teachers, and a clear conception of the results in moral and intellectual progress which must follow, when, from the Primary School, where the foundation is laid, through all the grades, even to the highest, we could have teachers thus equipped for their work, did much to give birth to this institution.

In conformity with this idea, the Managers have now organized, in addition to the other departments of the School and College, a

Normal Department for the special training of those preparing to teach. As many of those who desire to avail themselves of these advantages are persons of limited means, and as the College cannot fail to be greatly benefitted by bringing into it a class of students whose earnestness and devotion to their work will exercise a powerful influence for good upon their fellow students, the Endowment Committee has admitted a number at the rate of \$150 a year. The Managers believe that the College will be the gainer in every sense by continuing to pursue this liberal policy. That we may be able to extend this privilege to a larger number of teachers, we earnestly hope that we shall soon have a large accession to our Endowment Fund. In no other way can Friends do more at this time to advance the cause of solid, practical education.

In the Normal course, lectures will be given on the Theory and Practice of Teaching, and students will be furnished an opportunity to obtain practical experience in their work under the immediate and constant direction of competent and experienced Professors. For this purpose the classes of the Preparatory School will be used as Practice Classes. In these the instruction given is so constantly under the direction of skilled Professors that while the young teachers are acquiring valuable experience the children are more thoroughly trained and taught.

The rooms devoted to the use of the Practice Classes have been refurnished and carpeted, that the quiet and order may be readily secured which is so essential to the success of teachers in their earlier experience. As thoroughness is aimed at, and large experience in the actual work of teaching is to be given, the number admitted to the Normal class will be limited to forty. It is proposed to give the following Diploma and Certificates:

The **NORMAL DIPLOMA** is given only to students who are graduates of Swarthmore College, and who have had three years' instruction and practice in the Normal department or the full equivalent elsewhere. The last year of the course, at least, must have been taken at Swarthmore. Students receiving the Diploma must also have shown an especial aptness to teach and power to govern.

The **FIRST CERTIFICATE** is given to students who have completed, creditably, at least one year's study in either the Sophomore, Junior or Senior class, and have had two years' training in a Normal course, the last of which must have been at Swarthmore; and whose aptness to teach and power to govern have been clearly shown by experience in the class-room. This certificate will also state the student's standing in his or her class, and in the various studies pursued, including proficiency in Teaching.

The SECOND CERTIFICATE is given to deserving students who have had not less than one year's experience in Normal work at Swarthmore; and such certificate will state the class to which the student belonged, and his or her standing in the class and in the various studies pursued, including proficiency in Teaching.

Those holding our first certificate will be sent out well prepared, both as to the knowledge of the *methods* of teaching and of the *subjects* to be taught, to take charge of Schools of any grade, from the Primary to the High School or Academy. Those who obtain our Normal Diploma will be qualified to teach in any of our Colleges, and will have had *experience in teaching* from the lowest class in the Preparatory School to the Sophomore class in the College; for all Teachers, beginning with the Practice classes C and D, are regularly advanced in their *grade* of teaching, until they reach the end of their course. It is believed that the habits of research thereby acquired, and the greater thoroughness of preparation essential for teaching than is usual when studying merely for recitation, will much more than compensate for the time required by the Teachers' course, and that those who graduate with one of our Degrees, having taken, in addition, the Normal work, will be better scholars in all of the studies pursued.

With few exceptions the departments are under the management previously announced, and the Board, through its committees, has been kept informed of the character of the work done, which continues to be increasingly satisfactory, not only to the Managers, but to the patrons of the College and to the general public, as Swarthmore is becoming better known.

The Matron, Phebe W. Foulke, after eight years of service, which has been highly satisfactory to the Managers, resigned her position at the close of the past year, and her place has been filled by the appointment of Caroline S. Wood, of Bristol, Pa.

Our Library has been steadily increased by the addition of such works as have been especially needed for reference in the different departments of instruction, and by thus adding works as their need is felt, and as fast as they are needed, it is becoming a Library of great practical value to the College.

No new buildings have been erected upon the College grounds during the past year, but an impetus has been given to improvement in the immediate neighborhood by the erection of several houses on the adjoining property, among which are those of our Superintendent and of our Professor of Civil Engineering. By a change in the direction of the road in front of the College, a great improvement will be made in the appearance of the grounds.

It will be remembered by those of the Stockholders who were earliest interested in the establishment of the College, that it was a leading idea of its founders that it should be not merely an Institution for the intellectual training of the young, but also a cultivated home, where they would be surrounded by the highest social, moral and religious influences, which, in a good measure, should compensate for the loss sustained in leaving the care of their parents. The Managers feel that the authorities at the College, to whom they have entrusted its immediate care, have been impressed with the necessity of securing this desirable end, and that their attention has been increasingly directed to its importance year by year. To co-education, as a part of this social system, and as the settled and satisfactory policy of the College, we largely attribute the successful results attained.

It is earnestly hoped that all who are interested in the welfare of the College, or of our Religious Society under whose care it is placed by the Charter, will visit it frequently, thus keeping familiar with its practical working, and see for themselves the good which, through the moral and religious influence of its home life, as well as by means of its intellectual culture, it is doing for the rising generation of Friends, and of others entrusted to our care.

The attention of the Stockholders is called to the new catalogue of the College, which will be ready in a few days. It embraces the various improvements referred to in the courses of study, and in other respects. This catalogue will be mailed to all Stockholders whose addresses are in the possession of the College authorities.

Since our last report, a legacy of five thousand dollars has been received from the executors of Anson Lapham.

The Board has heretofore reported the condition of the treasury on the first of the Twelfth month, which necessarily included the largest amount of the receipts for the current school year, and embraced only three months' expenses.

The annexed Treasurer's account includes only the receipts and expenses for the scholastic year, ending Eighth month 1st, 1878, and is more fully itemized than usual. It will give a better idea of the financial working of the College, and enable an intelligent comparison to be made with future years.

To accord with the above a change is proposed in By-Law V, that hereafter it shall read as follows:

“THE TREASURER.

“The Treasurer shall hold the funds belonging to the Corporation, subject to the disposition of the Board; shall sign the certifi

cates 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 meeting in the Ninth month."

M. FISHER LONGSTRETH, *Secretary*.

PHILADELPHIA, 12th mo. 2d, 1878.

TREASURER'S REPORT.

ROBERT BIDDLE, *Treasurer, in account with* SWARTHMORE COLLEGE.

1878.

DR.

9th mo. 9th.	To Cash Endowment Fund Loan:		
	S. J. Underhill Fund,	\$4,000	00
	Anson Lapham,	5,000	00
			\$9,000
	Amount received for Rents,		420
	“ “ Farm Produce,		584
	“ “ Meals and Stationery,		1,729
	“ “ Tuition and Board,		73,977
	“ “ Interest,		218
	Balance of S. Willetts' Fund,		2,063
			83
			\$87,993

CR.

By balance due R. Biddle, Treasurer, 9th mo. 1st, 1877, \$14,085 91

College Expenses for the Session of 1877-78.

Salaries,			\$29,290 50
Wages,			6,521 84
Incidentals,			2,537 53
Repairs and Alterations,			4,597 32
Provision,			12,760 54
Fuel,			2,275 55
Light,			1,744 86
Books and Stationery,			2,735 74
Butter,			2,940 34
Meat,			5,859 82
			\$71,264 04
By Returned Tuition,			637 60
By amount of Interest on Loan from General Endowment Fund,			1,120 00
Balance on hand Ninth mo. 1st, 1878,			886 28
			\$87,993 83

S. Willetts' Fund is as follows:

9th mo 1, 1877. Balance,			\$2,206 49
9th mo. 1, 1878. Interest,			132 39
			\$2,338 85
7th mo. 9, 1878. Voucher,			274 96
			\$2,063 89

We have examined the above account of Robert Biddle, Treasurer, compared it with vouchers for payments, and find the same correct.

EDWARD TAYLOR,
JAMES V. WATSON,
Auditors.

Philadelphia, Ninth month 7, 1878.

Report of the Treasurer of the Committee on Trusts, Endowments and Scholarships.

CLEMENT M. BIDDLE, *Treasurer, in account with* COMMITTEE ON TRUSTS,
ENDOWMENTS AND SCHOLARSHIPS OF SWARTHMORE COLLEGE.

INVESTMENT ACCOUNT.

DR.

General Endowment Fund.		
Samuel J. Underhill,	\$5,000 00	
Isaiah V. Williamson,	10,000 00	
Anson Lapham,	5,000 00	
	<hr/>	\$20,000 00
Educational Endowment Fund.		
Thomas H. Speakman,	\$100 00	
Deborah F. Wharton,	5,000 00	
Isaiah V. Williamson,	25,000 00	
	<hr/>	30,100 00
Special Scholarship Fund.		
Westbury Quarterly Meeting,	5,000 00	
Perpetual Scholarship Fund.		
Anson Lapham,	10,000 00	
Special Endowment Fund.	10,000 00	
Bayard P. Blachly, Loan without Interest,	2,500 00	
	<hr/>	\$77,600 00

CR.

Ground Rents, I. V. W., Philadelphia,	10,000 00
Swarthmore College,	23,100 00
Equitable Trust Co. Bonds,	4,500 00
Schuylkill Navigation Co. Bonds,	5,000 00
Property 727 Chestnut Street, $\frac{1}{3}$ Interest,	25,000 00
Mortgage Account,	10,000 00
	<hr/>
	\$77,600 00

Twelfth mo. 2d, 1878.

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. Sharpless, 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 2. That the capital stock of the said corporation shall be fifty thousand dollars, divided into two thousand shares of twenty-five 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 bondholders, 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.

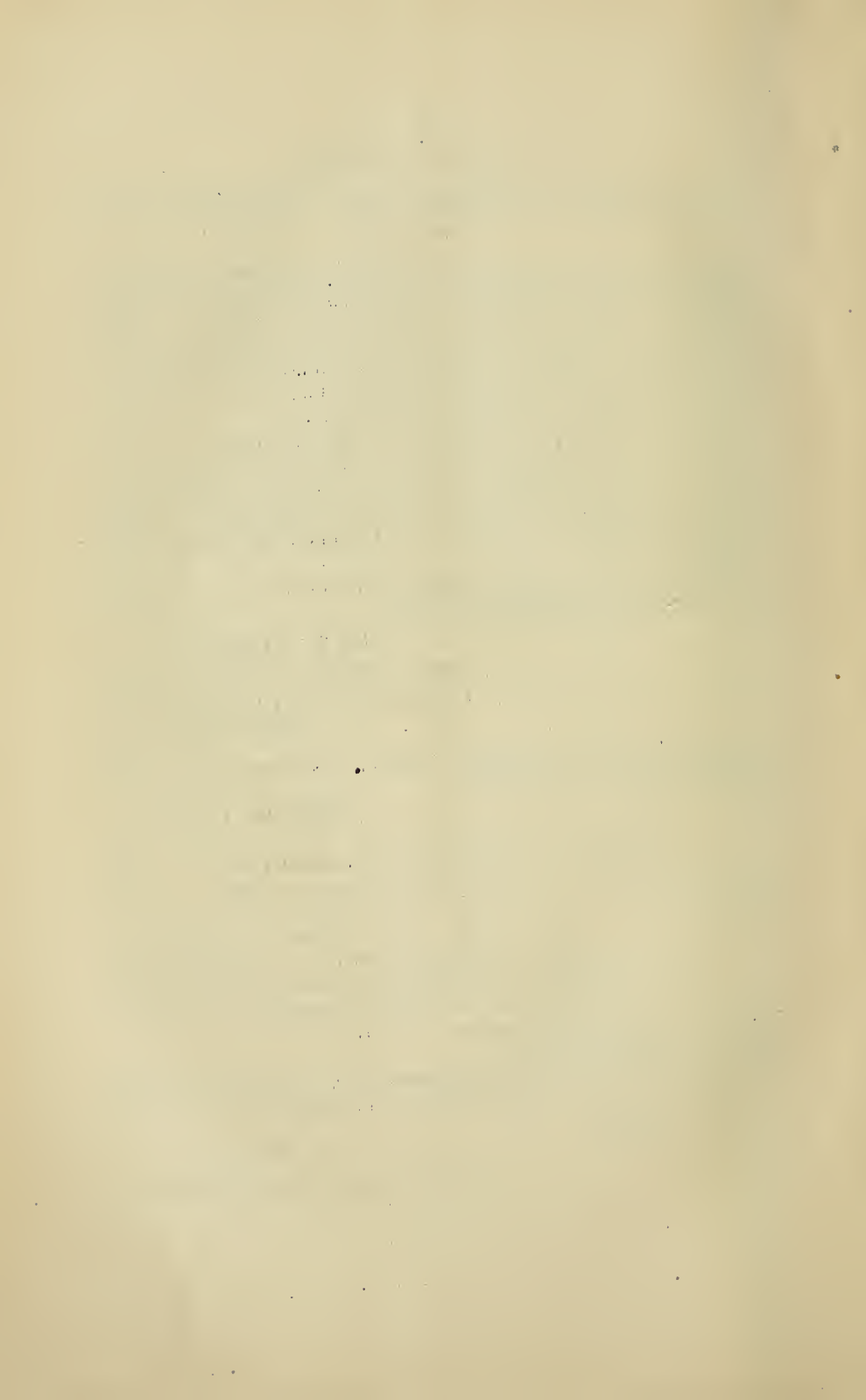
PENNSYLVANIA, ss.:



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 College,' 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. WEAKLY,
Deputy Secretary of the Commonwealth.



CONSTITUTION

OF

SWARTHMORE COLLEGE.

ARTICLE I.—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 II.—The annual meeting of the Stockholders shall be held on the first Third-day in the Twelfth month, at three 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 III.—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 IV.—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.

The Treasurer of the College 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 Second and Ninth months, on the day preceding the Commencement, 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.

LAW II.

OFFICERS AND COMMITTEES.

A President of the Board of Managers, Secretary, Auditors, Finance Committee, Building Committee, Instruction Committee, Committee on Museum, Committee on Friends' Historical Library, 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. He shall be *ex-officio* a member of the Executive Committee.

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 meeting in the Ninth month.

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 employees 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 to each stated meeting of the Board of Managers.

LAW IX.

THE FACULTY.

The President, 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 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 XI.

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 the 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 lifetime, 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 lifetime.

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, notice of such change having been given at a previous stated meeting.

GRADUATES.

CLASS OF 1873.

SARAH H. ACTON, A.B.	Salem, N. J.
HELEN MAGILL, PH.D. (Boston University)	Newnham Hall, Cambridge, Eng.
<i>teacher</i> ELIZABETH C. MILLER, A.B.	Swarthmore College.
<i>teacher</i> ESTHER T. MOORE, A.B.	Swarthmore College.
*MARIA C. (PIERCE) GREEN, A.B.	Swarthmore College.
LOWNDES, TAYLOR, A.B.	Colorado Springs, Col.

CLASS OF 1874.

<i>teacher</i> ELLEN H. (EVANS) PRICE, A.B.	Philadelphia, Pa.
AMY W. (HALL) HICKMAN, A.B.	Street Road, Pa.
*ALFRED T. HAVILAND, B.S.	Millbrook, N. Y.
MARY (HIBBARD) THATCHER, A.B.	Hulmeville, Pa. <i>married</i>
HERMAN HOOPES, B.S.	Philadelphia, Pa.
<i>teacher</i> FERRIS W. PRICE, A.B.	Philadelphia, Pa.
ELIZABETH S. (WOOLSTON) COLLINS, A.B.	Bristol, Pa.

CLASS OF 1875.

<i>teacher</i> JOHN B. BOOTH, A.B.	Ann Arbor, Mich.
<i>teacher</i> HELEN T. COMLY, A.B.	Philadelphia, Pa.
FRANKLIN H. CORLIES, B.S.	Wilmington, Del.
*HERBERT G. DOW, A.B.	Brooklyn, N. Y. <i>married</i>
LIZZIE (HANES) TAYLOR, A.B.	Woodstown, N. J. <i>married</i>
EDITH R. (HOOPER) ROBERTS, A.B.	Titusville, Pa. <i>"</i>
BARTON HOOPES, JR., B.S.	Philadelphia, Pa.
*OLIVER KEESE, JR., B.S.	Titusville, Pa. <i>married</i>
J. REECE LEWIS, B.S.	Media, Pa.
<i>teacher</i> HOWARD W. LIPPINCOTT, A.B.	Philadelphia, Pa.
MARTHA MCILVAIN, A.B.	Philadelphia, Pa. <i>married</i>
JOHN K. RICHARDS, A.B.	Ironton, Ohio.
WILLIAM H. RIDGWAY, B.S.	Coatesville, Pa.

* Deceased.

CLASS OF 1876.

FRANK L. BASSETT, B.S.	Philadelphia, Pa.
ARTHUR W. BRADLEY, A.B.	Philadelphia, Pa.
FRANCES LINTON, A.B.	West Chester, Pa.
ELIZABETH J. LONGSTRETH, A.B.	Sharon Hill, Pa.
JAMES T. McCLURE, B.S.	Philadelphia, Pa.
EMMA McILVAIN, A.B.	Philadelphia, Pa.
EDWIN MITCHELL, JR., A.B.	École de Médecine, Paris, France.
ISAAC G. SMEDLEY, B.S.	Philadelphia, Pa.
HERBERT W. SMYTH, A.B.	Wilmington, Del.
MARY WILLETS, A.B.	Maiden Creek, Pa.
WILLIAM P. WORTH, B.S.	Coatesville, Pa.

CLASS OF 1877.

JOSEPH T. BUNTING, B.S.	Philadelphia, Pa.
NORMAN B. CORSON, A.B.	Norristown, Pa.
EUDORA MAGILL, A.B.	Swarthmore College.
JESSE R. NORTON, A.B.	Harvard College, Cambridge, Mass.
CARROLL R. WILLIAMS, A.B.	Philadelphia, Pa.
FLORENCE M. YEATMAN, A.B.	Fairville, Pa.

CLASS OF 1878.

CAROLINE E. BURR, A.B.	Germantown, Pa.
MAYBELL P. DAVIS, A.B.	Providence, R. I.
HOWARD DAWSON, A.B.	Saratoga Springs, N. Y.
TACY A. GLEIM, A.B.	Lebanon, Pa.
WILLIAM J. HALL, B.S.	West Chester, Pa.
MARY P. HALLOWELL, A.B.	Davis Grove, Pa.
CHARLES A. HAWKINS, A.B.	Fawn Grove, Pa.
WILLIAM P. HOLCOMB, B.L.	Swarthmore College.
REBECCA S. HUNT, A.B.	Philadelphia, Pa.
LLEWELLYN H. JOHNSON, B.S.	Orange, N. J.
EDWARD MARTIN, A.B.	Swarthmore College.
FRANCIS J. PALMER, B.S.	Brooklyn, L. I.
ISRAEL ROBERTS, B.S.	Fellowship, N. J.
WILLIAM SEAMAN, B.S.	Brooklyn, L. I.
C. HARRY SHOEMAKER, B.S.	Philadelphia, Pa.

Officers of the Alumni Association.

PRESIDENT.

FRANK L. BASSETT, *1518 Brown Street, Philadelphia.*

CHAIRMAN OF EXECUTIVE COMMITTEE.

HERMAN HOOPES, *1534 Arch Street, Philadelphia.*

SECRETARY.

ELIZABETH J LONGSTRETH, *Sharon Hill, Delaware County, Pa.*

TREASURER.

EMMA McILVAIN, *59th Street and Elmwood Avenue, Phila.*

COMMITTEE

ON

Trusts, Endowments, and Scholarships.

SAMUEL WILLETS, 303 Pearl Street, N. Y.

JOSEPH WHARTON, P. O. Box 2786, Philadelphia.

DANIEL UNDERHILL, Jericho, L. I.

ISAAC H. CLOTHIER, 801 Market Street, Philadelphia.

CLEMENT M. BIDDLE, Secretary and Treasurer,

511 Commerce Street, Philadelphia.

