

THE CITADEL

ARCHIVES AND MUSEUM

ANNUAL REPORT

OF THE

BOARD OF VISITORS

OF THE

SOUTH CAROLINA MILITARY ACADEMY

FOR THE

Fiscal Year Ending October 31, 1890,

TO THE

GENERAL ASSEMBLY

OF THE

State of South Carolina.

COLUMBIA, S. C.

JAMES H. WOODROW, STATE PRINTER.

1890.

ANNUAL REPORT

BOARD OF VISITORS

SOUTH CAROLINA MILITARY ACADEMY

Fiscal Year Ending October 31, 1900

GENERAL ASSEMBLY

State of South Carolina

Printed and Bound by
The State Printer, Columbia, S. C.

REPORT OF BOARD OF VISITORS.

OFFICE OF CHAIRMAN OF SOUTH
CAROLINA MILITARY ACADEMY,

November 7th, 1890.

To his Excellency JOHN PETER RICHARDSON, Governor :

The Board of Visitors of the South Carolina Military Academy submit their Annual Report, to be transmitted by you to the General Assembly.

BOARD OF VISITORS.

Gen. JOHNSON HAGOOD, *Chairman*.....Barnwell, S. C.
Rev. S. B. JONES, D. D.....Columbia, S. C.
Col. EDWARD CROFT.....Greenville, S. C.
Col. H. A. GAILLARD.....Winnsboro, S. C.
Maj. C. S. GADSDEN.....Charleston, S. C.
The Governor of the State (ex-officio).....Columbia, S. C.
*The Adjutant & Inspector General of the State (ex-officio)*Columbia, S. C.

Col. H. A. GAILLARD, *Secretary of the Board*.....Winnsboro, S. C.

ACADEMIC BOARD.

1889-90.

*Gen. GEO. D. JOHNSTON,
Superintendent and Professor of Moral and Political Science.

†1st. Lieut. C. H. CABANISS, JR., 18th Infantry, U. S. A.,
Professor of Military Science and Tactics.

Maj. ST. JAMES CUMMINGS,
Professor of English Literature and History.

Maj. C. L. REESE,
Professor of Chemistry and Physics.

Maj. R. G. THOMAS,
Professor of Mathematics and Engineering.

Capt. P. P. MAZYCK,
Assistant Professor, in Charge of Modern Languages.

2d Lieut. O. J. BOND,
Assistant Professor of Mathematics, and in Charge of Drawing and Bookkeeping.

2d Lieut. J. P. KINARD,
Assistant Professor of English Literature and History.

2d Lieut. J. T. COLEMAN,
Assistant Professor of Chemistry and Physics.

F. L. PARKER, M. D.,
Surgeon.

1st Lieut. W. W. WHITE,
Quartermaster.

*Succeeded by Col. Asbury Coward, 1st Oct., 1890.

†Succeeded by 2d Lieut. John A. Towers, 1st Arty., U. S. A., 1st Oct. 1890.

Cadets of the South Carolina Military Academy arranged in order of merit in their respective classes as determined at the Annual Examination in June, 1890.

FIRST CLASS.—37 MEMBERS—GRADUATED JULY 2D, 1890.

Order of General Merit.	Names.	County.	State.	Class—Pay or Beneficiary.	Age at Date of Admission.	Order of Merit in							
						Mathematics.	Physics.	Modern Languages.	English.	Drawing and Bookkeeping.	Elocution.	Military Science.	Conduct.
1	*W. H. Simons.....	Charleston.....	S. C.	B	17	4	1	4	4	1	13	1	4
2	*T. M. Hunter.....	Chester.....	"	B	16	2	2	3	1	2	5	2	10
3	J. E. Buzhardt.....	Newberry.....	"	B	18	10	3	2	2	9	8	4	5
4	L. DeV. Blake.....	Charleston.....	"	B	16	6	8	1	15	3	7	8	3
5	L. L. Gaillard.....	Charleston.....	"	B	16	7	6	5	14	4	4	11	7
6	S. D. Lucas.....	Berkeley.....	"	B	16	15	5	8	28	7	16	6	2
7	J. T. Boozer.....	Newberry.....	"	B	18	17	14	21	13	5	20	22	1
8	J. C. Bailey.....	Greenville.....	"	B	16	9	13	11	10	7	14	9	13
9	John Ball.....	Berkeley.....	"	B	16	5	15	6	17	14	9	14	12
10	E. C. Hughes.....	Kershaw.....	"	B	17	3	10	12	3	6	15	3	21
11	A. G. Singletary.....	Marion.....	"	B	18	19	10	13	5	13	1	5	15
12	G. W. Allison.....	Lancaster.....	"	B	16	1	9	15	21	18	35	21	17
13	D. G. Dwight.....	Fairfield.....	"	B	15	14	7	7	19	16	27	7	18
14	B. S. Cogburn.....	Edgefield.....	"	B	18	8	12	26	25	12	29	15	10
15	Wm. Godfrey.....	Chesterfield..	"	B	15	13	19	23	22	10	33	18	9
16	A. L. Humphreys.....	Anderson.....	"	B	18	24	22	22	18	11	18	12	6
17	W. W. Dixon.....	Fairfield.....	"	B	18	10	20	14	12	22	3	16	24
18	W. E. Mikell.....	Beaufort.....	"	B	18	24	16	16	6	15	1	2	28
19	C. D. Gooch.....	Marlboro.....	"	B	17	12	4	9	9	19	11	26	33
20	J. D. Nix.....	Hampton.....	"	B	15	21	18	20	11	21	10	19	22
21	R. L. Dargan.....	Darlington.....	"	B	18	18	24	18	8	24	26	27	20
22	J. F. Evans.....	Anderson.....	"	B	17	26	23	10	7	27	12	24	14
23	C. E. King.....	Darlington.....	"	P	15	20	27	25	24	28	25	29	8
24	P. B. Bird.....	Duval.....	Fla.	P	17	16	21	17	20	23	17	27	26
25	W. W. Tison.....	Hampton.....	S. C.	B	15	23	17	27	33	16	32	13	16
26	F. C. Black.....	Spartanburg..	"	B	18	22	26	24	23	33	21	17	25
27	E. R. Zemp.....	Kershaw.....	"	P	15	25	25	19	16	25	19	23	29
28	H. A. DeLorme.....	Darlington.....	"	B	17	32	32	31	31	32	36	25	19
29	W. W. Stewart.....	Barnwell.....	"	B	17	27	29	33	34	30	23	10	32
30	J. G. Watts.....	Laurens.....	"	B	17	29	35	35	26	29	22	28	23
31	L. S. Trotti.....	Barnwell.....	"	B	18	31	28	32	35	35	30	34	30
32	F. M. Edwards.....	Beaufort.....	"	B	17	28	31	30	27	26	24	30	35
33	S. F. Garlington.....	Laurens.....	"	B	17	34	36	29	30	20	6	32	27
34	F. B. Grier.....	York.....	"	B	17	30	30	34	29	34	37	31	36
35	A. G. Guerard.....	Chatham.....	Ga.	B	16	33	37	28	32	31	28	35	34
36	aJ. T. Burdell.....	Kershaw.....	S. C.	P	17	...	34	...	...	...	34	...	32
37	aH. Eaves.....	Barnwell.....	"	P	16	...	33	...	...	...	31	...	37

a. Sick, not graded—these Cadets were not examined in Geology, but upon examination will receive their diplomas.

SECOND CLASS.—30 MEMBERS.

Order of General Merit.	Names.	County.	State.	Class—Pay or Beneficiary.	Age at Date of Admission.	Order of Merit In						
						Mathematics.	Physics.	German.	English.	Drawing.	Military Science.	Conduct.
1	*J. W. Perrin.....	Abbeville	S. C.	B	18	2	3	1	1	1	1	1
2	*T. J. Mauldin.....	Pickens.....	"	B	17	8	1	4	2	7	2	2
3	H. W. Fraser.....	Georgetown....	"	B	15	4	2	6	4	12	18	11
4	E. M. Whaley.....	Berkeley.....	"	P	16	1	4	2	9	16	4	8
5	J. E. Frost.....	Richland.....	"	P	18	7	8	8	6	2	6	4
6	D. A. Spivey.....	Horry.....	"	B	18	3	6	5	14	3	16	9
7	D. D. Salley.....	Orangeburg....	"	B	17	6	10	9	8	10	7	6
8	E. M. Blythe.....	Greenville.....	"	B	15	5	9	7	5	3	8	16
9	E. B. Lorick.....	Kershaw.....	"	P	16	12	11	12	19	13	10	5
10	R. C. Roberts.....	Barnwell.....	"	P	17	9	7	13	17	4	17	16
11	A. F. Carter.....	Barnwell.....	"	B	17	13	15	3	18	16	24	12
12	W. N. Tillinghast..	Richland.....	"	B	18	20	14	22	11	15	22	10
13	A. A. Avelhe.....	Chatham.....	Ga.	P	15	24	19	19	16	6	20	13
14	W. C. Humphreys..	Anderson.....	S. C.	P	17	25	26	15	24	24	23	3
15	W. L. Mack.....	Orangeburg....	"	P	18	10	20	24	26	19	26	20
16	J. M. Robertson....	Newberry.....	"	P	15	18	17	21	25	5	5	21
17	J. L. Oliver.....	Charleston.....	"	P	16	15	21	11	12	23	21	23
18	P. K. McCully.....	Anderson.....	"	P	15	19	22	16	7	21	13	22
19	A. S. Salley.....	Orangeburg....	"	P	16	26	23	23	13	25	14	15
20	W. W. Simons.....	Charleston.....	"	P	16	22	24	26	23	18	25	13
21	A. M. Brailsford....	Clarendon.....	"	B	16	14	18	20	22	20	10	24
22	J. W. Magrath.....	Charleston.....	"	P	15	16	13	14	10	14	9	26
	<i>b</i> G. P. Geraty.....	Berkeley.....	"	B	17	17	12	18	3	26	15	7
	<i>d</i> E. M. Wilson.....	Charleston.....	"	P	15	23	4	9	15	9	3	25
	<i>d</i> W. O. Rivers.....	Colleton.....	"	B	16	11	16	17	20	11	10	19
	<i>a</i> R. A. Smyth.....	Charleston.....	"	P	16	21	25	25	21	22	19	18
	<i>b</i> John Lake.....	Edgefield.....	"	B	17	.....	.....	.....	.....	.....	.....	.....
	<i>b</i> H. O'Neill.....	Lexington.....	"	B	17	.....	.....	.....	.....	.....	.....	.....
	<i>c</i> J. R. Robertson....	Charleston.....	"	P	16	.....	.....	.....	.....	.....	.....	.....
	<i>b</i> W. G. Cooper.....	Chatham.....	Ga.	P	15	.....	.....	.....	.....	.....	.....	.....

b—Honorably Discharged; *a*—Sick, not Graded; *c*—Retired; *d*—Deceased.

THIRD CLASS—26 MEMBERS.

Order of General Merit.	Names.	County.	State.	Class—Pay or Beneficiary.	Age at Date of Admission.	Order of Merit In						
						Mathematics.	Physics.	French.	English.	Drawing.	Elocution.	Conduct.
1	*A. S. Thomas.....	Richland.....	S. C.	B	15	3	1	4	1	1	3	1
2	*W. Z. McGhee.....	Abbeville	"	B	16	2	2	1	3	3	1	4
3	G. R. Coffin	Richmond ...	Ga.	P	15	3	5	2	4	6	5	3
4	A. G. Etheredge.....	Edgefield	S. C.	B	18	1	3	7	7	2	6	2
5	J. G. Beckwith	Orangeburg..	"	B	15	6	6	6	2	8	2	8
6	F. S. Wilcox.....	Polk	N.C.	P	15	5	4	14	8	4	10	9
7	H. L. Scaife.....	Union	S. C.	B	16	8	10	3	5	18	7	6
8	J. F. McElwee.....	York	"	B	18	7	7	10	11	12	13	7
9	T. C. Dean.....	Spartanburg.	"	P	16	12	8	11	10	15	8	5
10	R. I. Hasell.....	Charleston ...	"	B	15	9	12	5	12	16	16	10
11	A. P. Smith	Hampton.....	"	P	16	13	9	9	16	17	15	13
12	B. W. Andrews.....	Orangeburg..	"	B	16	10	11	7	6	9	4	14
13	D. Huguenin.....	Charleston ...	"	P	15	17	21	16	17	19	12	12
14	C. S. Pinckney.....	Charleston ...	"	P	16	11	14	15	18	5	21	17
15	A. S. Manning.....	Marion	"	B	16	16	13	13	9	20	8	20
16	J. G. Padgett.....	Colleton	"	B	18	21	16	12	13	21	10	19
17	P. Brown.....	Sumter.....	"	P	18	14	17	16	15	22	13	21
18	E. R. Buckingham.....	Aiken	"	B	17	18	19	22	14	7	18	16
19	J. J. Moorer.....	Colleton	"	P	16	15	18	21	20	14	17	15
20	R. B. Gilchrist.....	Charleston ...	"	P	17	19	20	18	19	10	19	18
21	N. P. Walker.....	Spartanburg.	"	P	16	20	15	20	21	13	20	22
<i>b</i>	Wm. Lowndes.....	Georgetown ..	"	P	16	22	22	19	22	11	...	11
<i>b</i>	J. W. James	Darlington ...	"	P	18	.....	.....	.....	.....	.....	.....	.....
<i>b</i>	A. C. Davis.....	Clarendon ...	"	P	16	.....	.....	.....	.....	.....	.....	.....
<i>c</i>	C. Atkinson.....	Mecklenburg	N.C.	P	15	.....	.....	.....	.....	.....	.....	.....
<i>e</i>	R. M. Foot.....	Newberry	S. C.	P	16	.....	.....	.....	.....	.....	.....	.....

b. Honorably discharged.

c. Retired.

e. Found deficient at Semi-Annual Examination and turned back to the 4th Class.

FOURTH CLASS—61 MEMBERS.

Order of General Merit.	Names.	County.	State.	Class—Pay or Beneficiary.	Age at date of admission.	Order of Merit In						
						Mathematics.	Physics	French.	English.	Elocution and Composition.	Conduct.	
1	*R. McC. Perrin.....	Abbeville.....	S. C.	B 16	7	1	1	1	7	5		
2	*D. J. Lucas.....	Charleston ...	"	B 15	4	8	2	2	4	3		
3	J. W. Cantey.....	Kershaw	"	B 16	11	3	3	8	3	1		
4	W. R. Goss.....	Union	"	P 15	5	2	6	3	6	15		
5	J. P. Thomas.....	Union	"	B 15	1	5	7	6	9	12		
6	B. D. Wilson.....	Sumter.....	"	B 15	10	17	5	7	2	18		
7	E. B. Fishburne.....	Colleton	"	P 15	3	10	8	9	11	14		
8	W. A. Stribling.....	Spartanburg.	"	B 16	16	13	20	5	4	11		
9	G. Shanklin.....	Oconee.....	"	B 18	14	4	21	4	13	13		
10	J. L. Mims.....	Edgefield.....	"	P 17	22	14	23	11	8	2		
11	W. B. Gourdin.....	Williamsb'rg.	"	B 17	9	9	12	10	15	21		
12	G. H. Atkinson.....	Mecklenburg	N.C.	P 15	12	27	13	30	26	8		
13	G. L. Dial.....	Richland.....	S. C.	P 15	14	15	19	20	15	17		
14	I. Harby.....	Sumter.....	"	P 16	8	12	26	17	12	25		
15	W. S. Jervey.....	Charleston ...	"	P 16	20	24	4	19	24	16		
16	G. Bowen.....	Anderson.....	"	P 15	30	18	28	18	18	7		
17	J. R. Hart.....	York	"	P 16	19	19	21	15	21	24		
18	W. E. Snowden.....	Williamsb'rg.	"	B 16	18	21	25	25	28	25		
19	J. W. Gregg.....	Marion.....	"	P 15	28	25	18	31	23	10		
20	R. B. Fripp.....	Richland	"	B 16	27	16	14	21	1	27		
21	J. H. Earle.....	Sumter.....	"	P 16	16	26	17	26	20	33		
22	A. H. Boykin.....	Kershaw.....	"	P 16	32	31	31	24	24	22		
23	T. W. Bethea.....	Marion.....	"	P 17	13	28	36	29	31	29		
24	W. R. Robertson.....	Buncombe ...	N.C.	P 15	37	22	37	23	17	19		
25	J. A. Smyth.....	Greenville....	S. C.	P 13	31	23	16	28	22	33		
26	C. L. O'Neale.....	Richland	"	P 17	25	29	40	34	38	27		
27	W. E. Woodward.....	Aiken.....	"	B 15	23	10	35	22	13	41		
28	C. H. Alexander	Buncombe ...	N.C.	P 17	24	20	9	32	35	43		
29	H. C. Du Bose.....	Kershaw	S. C.	P 16	36	35	11	33	42	28		
30	J. R. Verdier.....	Beaufort.....	"	P 16	38	30	32	14	19	32		
31	R. C. Richardson.....	Clarendon.....	"	P 17	29	33	24	27	27	37		
32	R. M. Foot.....	Newberry	"	P 16	35	45	43	39	30	6		
33	J. C. Dial.....	Madison	Fla.	P 16	26	34	33	43	41	31		
34	J. W. Brunson.....	Orangeburg..	S. C.	P 16	34	35	30	35	31	39		
35	C. E. Sanders.....	Florence.....	"	P 17	33	37	39	36	37	40		
36	W. J. Crosswell.....	Greenville....	"	P 15	40	38	34	37	33	41		
37	W. Oetjen.....	Richmond.....	Ga.	P 17	44	41	45	40	29	28		

FOURTH CLASS—Continued.

Order of General Merit.	Names.	County.	State.	Class—Pay or Beneficiary.	Age at date of admission.	Order of Merit In					
						Mathematics.	Physic.	French.	English.	Elocution and Composition.	Conduct.
38	G. W. Connelley.....	Charleston ...	S. C.	P	15	41	46	15	46	40	38
39	J. A. Satcher.....	Edgefield	"	P	16	43	43	41	44	39	35
<i>a</i>	E. H. Frost.....	Richland.....	"	P	18	2	6	27	12	.....	4
<i>b</i>	T. W. Robinson.....	Chester	"	B	18	5	6	10	13	10	23
<i>c</i>	W. H. Keith.....	Florence.....	"	P	16	21	32	29	11	26	30
<i>f</i>	N. R. Hays.....	Barnwell.....	"	P	18	39	39	38	42	44	36
<i>d</i>	A. C. Caldwell	Coweta.....	Ga.	P	16	42	44	46	41	34	.....
<i>a</i>	W. H. Sinkler.....	Berkeley.....	S. C.	P	17	45	47	42	37	.....	.....
<i>d</i>	W. H. Lockwood.....	Beaufort.....	"	P	16	46	40	47	45	43	39
<i>a</i>	J. A. Law.....	Sumter.....	"	P	18	47	42	44	47	...	42
<i>a</i>	G. F. Bamberg	Barnwell.....	"	P	15	.....	.....	.....	.....	.....	.....
<i>a</i>	C. A. Bland.....	Mecklenburg.	N. C.	P	17	.....	.....	.....	.....	.....	.....
<i>e</i>	J. A. Brown.....	Barnwell.....	S. C.	P	16	.....	.....	.....	.....	.....	.....
<i>a</i>	E. M. Coleman.....	Oconee	"	P	16	.....	.....	.....	.....	.....	.....
<i>e</i>	W. B. Daniel.....	Richmond....	Ga.	P	17	.....	.....	.....	.....	.....	.....
<i>a</i>	J. M. Farr.....	Union	S. C.	P	15	.....	.....	.....	.....	.....	.....
<i>e</i>	H. B. Henderson.....	Berkeley.....	"	P	16	.....	.....	.....	.....	.....	.....
<i>a</i>	O. K. Mauldin.....	Greenville....	"	P	15	.....	.....	.....	.....	.....	.....
<i>a</i>	S. McCall.....	Florence.....	"	P	17	.....	.....	.....	.....	.....	.....
<i>a</i>	C. W. Moorman.....	Richland.....	"	P	16	.....	.....	.....	.....	.....	.....
<i>a</i>	C. P. Ouzts.....	Edgefield.....	"	P	19	.....	.....	.....	.....	.....	.....
<i>e</i>	H. A. Sloane.....	Anderson.....	"	P	15	.....	.....	.....	.....	.....	.....
<i>e</i>	F. H. Taylor.....	Anderson.....	"	P	16	.....	.....	.....	.....	.....	.....
<i>a</i>	F. K. Winn.....	Sumter.....	"	P	17	.....	.....	.....	.....	.....	.....

a. Honorably discharged. *b.* Deceased. *c.* Sick, not graded. *d.* Deficient. *e.* Retired.
f. Deficient in Elocution.

GENERAL MERIT ROLL OF THE FIRST CLASS—37 MEMBERS—GRADUATED JULY 2d, 1890.

Order of General Merit.	Names.	Mathematics.	Physics.	Modern Languages.	English.	Drawing and Book-keeping.	Elocution.	Military Science.	Conduct.	Total.
	Maximum in Each Branch.	180.00	165.00	120.00	127.50	45.00	45.00	30.00	+ 22.50	735.00
1	W. H. Simons.....	175.50	162.84	118.15	123.11	44.71	39.95	29.80	+ 15.77	710.33
2	T. M. Hunter.....	176.10	161.36	118.47	123.88	44.58	41.38	29.58	+ 3.47	699.81
3	J. E. Buzhardt.....	167.20	159.93	118.64	123.64	43.32	40.55	29.44	+ 15.16	697.88
4	L. DeV. Blake.....	171.12	153.57	119.32	119.55	44.21	40.92	29.14	+ 15.86	693.69
5	L. L. Gaillard.....	170.94	155.48	118.09	119.57	44.11	41.55	28.67	+ 10.12	688.53
6	S. D. Lucas.....	163.41	155.80	115.11	112.75	43.34	39.62	29.27	+ 19.09	677.39
7	J. T. Boozer.....	162.27	152.48	108.72	120.05	43.95	39.42	27.72	+ 21.51	676.12
8	J. C. Bailey.....	169.41	152.75	114.53	121.24	43.34	40.08	29.03	+ 1.14	671.52
9	John Ball.....	172.41	152.33	116.22	118.82	42.85	40.47	28.51	— .26	671.35
10	E. C. Hughes.....	176.04	153.46	114.19	123.47	43.86	39.82	29.51	— 11.85	668.50
11	A. G. Singletary.....	161.16	153.46	112.66	122.75	42.98	43.12	29.34	— 3.11	661.06
12	G. W. Allison.....	176.16	153.48	112.49	117.22	42.32	36.57	27.81	— 7.77	658.28
13	D. G. Dwight.....	164.52	154.65	115.45	118.44	42.61	38.52	29.22	— 8.72	655.72
14	B. S. Cogburn.....	170.79	153.01	103.71	114.06	43.02	38.28	28.36	+ 3.47	655.64
15	Wm. Godfrey.....	164.73	148.94	107.39	116.73	43.09	37.61	27.91	+ 4.96	651.46
16	A. L. Humphreys.....	152.64	144.71	107.78	118.73	43.08	39.60	28.56	+ 11.44	646.54
17	W. W. Dixon.....	167.85	148.44	114.13	120.45	41.47	41.82	27.16	— 15.63	645.69
18	W. E. Mikell.....	153.87	151.53	112.97	122.19	42.71	43.12	28.15	— 20.02	639.12
19	C. D. Gooch.....	166.77	157.76	114.98	121.35	41.81	40.36	27.26	— 32.91	637.37

GENERAL MERIT ROLL OF THE FIRST CLASS.—CONCLUDED.

Order of General Merit.	Names.	Mathematics.	Physics.	Modern Languages.	English.	Drawing and Book-keeping.	Elocution.	Military Science.	Conduct.	Total.
	Maximum in Each Branch.	180.00	165.00	120.00	127.50	45.00	45.00	30.00	+ 22.50	735.00
20	J. D. Nix.....	158.73	149.75	110.48	120.70	41.51	40.46	27.89	— 12.15	637.37
21	R. L. Dargan.....	161.55	144.11	111.03	121.43	41.32	38.63	27.86	— 9.53	636.40
22	J. F. Evans.....	148.56	141.12	114.29	122.18	40.70	40.24	27.62	— 1.46	636.25
23	C. E. King.....	159.88	138.34	106.88	114.66	40.62	38.84	25.92	+ 6.72	632.36
24	P. B. Bird.....	162.45	147.83	111.95	117.98	41.34	39.61	26.54	— 16.74	630.96
25	W. W. Tison.....	157.18	151.35	105.22	109.34	42.61	37.89	28.55	— 5.01	627.13
26	F. C. Black.....	157.50	139.37	107.36	115.22	39.72	39.11	28.07	— 16.27	626.35
27	E. R. Zemp.....	149.85	143.89	111.02	119.01	41.27	39.52	27.67	— 21.41	610.82
28	H. A. DeLorme.....	131.31	127.43	94.19	109.83	40.48	36.12	27.37	— 9.18	557.55
29	W. W. Stewart.....	142.50	129.77	92.93	108.09	40.24	38.97	28.74	— 29.78	551.59
30	J. G. Watts.....	139.17	120.12	91.24	113.72	40.57	39.10	26.13	— 15.38	547.76
31	L. S. Trotti.....	136.86	135.79	93.72	106.92	39.31	38.17	23.40	— 22.21	541.96
32	F. M. Edwards.....	140.64	129.48	95.15	113.37	40.92	38.97	25.22	— 42.61	541.16
33	S. F. Garlington.....	126.34	118.25	98.96	110.18	41.49	41.09	24.65	— 19.99	540.84
34	F. B. Grier.....	137.07	129.65	92.68	111.14	39.41	35.76	24.99	— 40.83	529.89
35	A. G. Guerard.....	129.30	115.35	101.27	109.42	40.56	38.36	23.34	— 37.33	521.11
36	J. T. Burdell.....	.....	121.32	.....	.....	.....	36.23	.....	— 28.95	.....
37	H. Eaves.....	.....	122.98	.....	.....	.....	38.01	.....	— 45.85	.....

LIST OF DISTINGUISHED CADETS REPORTED AT THE
ANNUAL EXAMINATION, 1890.

Number.	Name.	County.	Studies in which Cadet Particularly Excels.
FIRST CLASS.			
1	W. H. Simons.....	Charleston	Physics, Drawing and Book-keeping, and Military Science.
2	T. M. Hunter.....	Chester....	Mathematics, Physics, English, Drawing and Book-keeping, and Military Science.
SECOND CLASS.			
1	J. W. Perrin.....	Abbeville...	Mathematics, German, English, Drawing, Military Science, and Conduct.
2	T. J. Mauldin.....	Pickens.....	Physics, English, Military Science, and Conduct.
THIRD CLASS.			
1	A. S. Thomas.....	Richland...	Physics, English, Drawing, and Conduct.
2	W. Z. McGhee.....	Abbeville...	Mathematics, Physics, French, and Elocution.
FOURTH CLASS.			
1	R. McC. Perrin...	Abbeville...	Physics, French, and English.
2	D. J. Lucas	Charleston	French and English.

CONDUCT ROLL—CORPS OF CADETS—153 MEMBERS.

Number.	Names.	Class.	Merits.	Demerits.	Number.	Names.	Class.	Merits.	Demerits.
1	Thomas, A.....	3	92	.....	45	Carter... ..	2	11	.....
2	Boozer	1	79½	.....	46	Simons, W.....	2	9½	.....
3	Perrin, J	2	78½	.....	47	Shanklin.....	4	9	.....
4	Lucas, S.....	1	70	.....	48	Farr	4	8	.....
5	Mauldin, J.....	2	69½	.....	49	Bland	4	7	.....
6	Coffin	3	66½	.....	51	O'Neill, H.....	2	6½	.....
7	Etheredge	3	66	.....	51	Godfrey	1	5	.....
8	Humphreys, W..	2	59	.....	52	Fishburne	4	4	.....
9	McGhee	3	52½	.....	53	Smythe, R	2	3	.....
10	Blake	1	52	.....	54	Roberts	2	2½	.....
10	Cantey	4	52	.....	55	Goss	4	2	.....
12	Lucas, J	4	51½	.....	56	Evans	1	1½	.....
13	Frost, J.....	2	48½	.....	56	Aveilhe.....	2	1½	.....
14	Mims.....	4	47½	.....	58	Ouzts	4	.....	.....
15	Dean	3	46	.....	59	Blythe	2	.....	1½
16	Perrin, R.....	4	45	.....	60	Jervey	4	.....	3
17	Scaife	3	44	.....	61	Tison.....	1	.....	3½
18	Beckwith	3	41	.....	62	Huguenin.....	3	.....	4½
18	Lorick	2	41	.....	63	Dial, G	4	.....	6½
20	Bowen	4	39½	.....	64	Ball	1	.....	7
21	Atkinson, G....	4	39	.....	65	King	1	.....	8½
22	Simons, H	1	37	.....	66	Hunter	1	.....	9½
23	Buzhardt	1	36½	.....	66	Bamberg	4	.....	9½
23	McElwee	3	36½	.....	68	Wilson, B.....	4	.....	10½
25	Spivey	2	33½	.....	69	Robertson, W ...	4	.....	15½
26	Whaley.....	2	32½	.....	70	Smith	3	.....	16½
27	Foot	4	28	.....	71	Henderson.....	4	.....	18½
28	Salley, D	2	27½	.....	72	Nix	1	.....	19½
29	Frost, H.....	4	27	.....	73	Robinson	4	.....	22½
30	Gaillard	1	26	.....	74	James	3	.....	23
30	Humphreys, L..	1	26	.....	75	Allison	1	.....	23½
32	Wilcox	3	25	.....	76	Davis	3	.....	24
33	Cogburn	1	23	.....	77	Cooper	2	.....	27
33	Fraser	2	23	.....	78	Rivers	2	.....	27½
33	Tillinghast	2	23	.....	79	Boykin	4	.....	28½
36	Gregg	4	22½	.....	80	Gourdin	4	.....	29
37	Geraty	2	21	.....	80	Taylor	4	.....	29
38	Lake	2	19	.....	82	Mack	2	.....	30½
39	Hasell	3	17½	.....	83	Singletary	1	.....	31
40	Stribling.....	4	16½	.....	83	Daniel	4	.....	31
41	Thomas, J.....	4	15½	.....	85	DeLorme	1	.....	36
42	Salley, A.....	2	14	.....	86	Dargan	1	.....	40
42	Lowndes	3	14	.....	87	Hart	4	.....	42½
44	Bailey.....	1	12	.....	88	Harby.....	4	.....	44½

CONDUCT ROLL.—Continued.

Number.	Name.	Class.	Merits.	Demerits.	Number.	Name.	Class.	Merits.	Demerits.
89	Robertson, R.....	2	.....	45	121	Mauldin, O	4	.....	103½
90	Zemp.....	1	.....	45½	123	Keith	4	.....	106
91	Dwight	1	.....	46	124	Stewart	1	.....	113
92	Snowden.....	4	.....	47½	125	Verdier.....	4	.....	113½
93	Hughes.....	1	.....	49½	126	Gilchrist	3	.....	116
94	Oetjen	4	.....	50½	126	Pinckney	3	.....	116
95	Black	1	.....	52½	128	Edwards.....	1	.....	118½
95	Robertson, J	2	.....	52½	129	Smyth, A	4	.....	120½
97	Andrews.....	3	.....	53	130	Grier	1	.....	122
98	Sloane.	4	.....	53½	130	Gooch	1	.....	122
99	McCully	2	.....	54½	132	Earle	4	.....	124½
100	Oliver	2	.....	62	133	Coleman	4	.....	125
101	DuBose.....	4	.....	63	134	Wilson, M.....	2	.....	128½
102	O'Neale, C.....	4	.....	63½	135	Winn.....	4	.....	129
103	Burdell.....	1	.....	65	136	Satcher	4	.....	130½
104	McCall	4	.....	65½	137	Atkinson, O.....	3	.....	134
105	Sinkler	4	.....	66	138	Padgett	3	.....	137
106	Bethea	4	.....	75	139	Manning.....	3	.....	141½
107	Watts	1	.....	76	140	Brown, P.....	3	.....	146
108	Brailsford.....	2	.....	77	141	Magrath	2	.....	147½
110	Moorer	3	.....	77½	142	Hays	4	.....	153½
111	Guerard	1	.....	82	143	Walker	3	.....	156
111	Garlington	1	.....	82	144	Richardson	4	.....	169
113	Trotti	1	.....	88	145	Brunson	4	.....	185
114	Law	4	.....	89½	146	Woodward	4	.....	187
115	Bird	1	.....	90	146	Sanders.....	4	.....	187
116	Buckingham	3	.....	91	148	Connelly.....	4	.....	187½
117	Fripp	4	.....	91½	149	Lockwood	4	.....	188½
118	Mikell	1	.....	97	150	Moorman	4	.....	190
119	Brown, J	4	.....	98	151	Alexander	4	.....	197
120	Dial, J.....	4	.....	103	152	Croswell	4	.....	200
121	Dixon	1	.....	103½	153	Caldwell	4	.....	Def.

BATTALION ORGANIZATION.

July, 1890.

STAFF.

ADJUTANT—SIMONS, W. H. QUARTERMASTER—GAILLARD.
 SERG'T-MAJOR—FROST, J. QUARTERMASTER-SERG'T—FRASER.

COMPANY OFFICERS.

<i>"Company A."</i>	<i>"Company B."</i>	<i>"Company C."</i>	<i>"Company D."</i>
Captain, SINGLETARY.	Captain, HUMPHRIES, L.	Captain, HUNTER.	Captain, DIXON.
Lieutenants, BLAKE. BAILEY.	Lieutenants, DELORME. HUGHES.	Lieutenants, BALL. MIKELL.	Lieutenants, KING. BUZHARDT.
First Sergeant, PERRIN, J.	First Sergeant, MAULDIN, J.	First Sergeant, HUMPHREYS, W.	First Sergeant, BLYTHE.
Sergeant, ROBERTSON, J.	Sergeants, ROBERTS. BRAILSFORD.	Sergeants, WHALEY. LORICK. SALLEY, D.	Sergeants, McCULLY. MACK. SIMONS, W.
Corporals, MCGHEE, ANDREWS. HASELL. MANNING. PADGETT.	Corporals, BECKWITH. MCELWEE. HUGUENIN. DEAN.	Corporals, COFFIN. SCAIFE. PINCKNEY. WALKER.	Corporals, THOMAS, A. ETHEREDGE. BUCKINGHAM. WILCOX.

Color-Sergeant,
WHALEY.

Color Corporals,
MCGHEE.
THOMAS, A.
COFFIN.

APPOINTMENTS TO THE S. C. M. A. FOR 1890-91.

No.	Names.	Class.		County.	State.
		Bfy.	Pay		
1	S. P. Anderson		P	Charleston.....	S. C.
2	Edgar Bobb.....	B		Laurens.....	"
3	J. T. Barnwell.....	B		Beaufort.....	"
4	A. C. Baskin.....		P	Sumter.....	"
5	W. M. Bostic.....	B		Barnwell.....	"
6	J. J. Burriss.....	B		Anderson.....	"
7	*A. C. Caldwell.....		P	Coweta.....	Ga.
8	W. W. Clement.....	B		Berkeley.....	S. C.
9	J. D. Cozby.....	B		Newberry.....	"
10	H. E. De Pass.....	B		Kershaw.....	"
11	H. W. De Saussure.....		P	Charleston.....	"
12	C. T. Dowling.....		P	Orangeburg.....	"
13	S. J. Du Pre.....	B		Berkeley.....	"
14	R. D. Earle.....		P	Earleton.....	Fla.
15	S. R. Elliot.....	B		Beaufort.....	S. C.
16	R. Ellison.....		P	Fairfield.....	"
17	J. J. Enlow.....		P	Greenville.....	"
18	D. Evans.....	B		Marion.....	"
19	W. G. Fike.....	B		Laurens.....	"
20	E. B. Fishburne.....		P	Colleton.....	"
21	F. W. Gregg.....	B		Florence.....	"
22	L. Gregory.....	B		Lancaster.....	"
23	W. F. Green.....		P	Richland.....	"
24	St. C. Gwynn.....	B		Spartanburg.....	"
25	B. R. Hiers.....	B		Colleton.....	"
26	T. Hinnant.....	B		Fairfield.....	"
27	H. Horlbeck.....		P	Charleston.....	"
28	R. L. Hughes.....	B		Hampton.....	"
29	O. F. Hunter.....	B		Barnwell.....	"
30	P. E. Hutto.....	B		Lexington.....	"
31	Jackson.....		P	Charleston.....	"
32	E. H. Jeffords.....		P	Charleston.....	"
33	L. S. Jervey.....		P	Charleston.....	"
34	W. Jervey.....	B		Charleston.....	"
35	J. G. Johnstone.....	B		Newberry.....	"
36	F. Jones.....		P	Laurens.....	"
37	D. Kearney.....	B		Charleston.....	"
38	J. E. Keith.....		P	Florence.....	"
39	W. S. Longford.....		P	Newberry.....	"
40	J. G. Law.....	B		Darlington.....	"
41	W. S. Lee, Jr.....	B		Anderson.....	"
42	A. E. Legare.....		P	Orangeburg.....	"
43	T. E. L. Lipsey.....	B		Chester.....	"
44	*W. H. Lockwood.....		P	Beaufort.....	"

APPOINTMENTS—Continued.

No.	Names.	Class.		County.	State.
		Bfy.	Pay		
45	E. C. Logan.....		P	Spartanburg.....	S. C.
46	C. R. Lowndes.....		P	Charleston.....	"
47	E. A. McClellan.....		P	Charleston.....	"
48	R. H. McMaster.....	B		Fairfield.....	"
49	E. L. McIntosh.....		P	Newberry.....	"
50	C. Matheson.....		P	Gainesville.....	Fla.
51	W. A. Moore.....		P	Richland.....	S. C.
52	J. A. Moroso.....	B		Charleston.....	"
53	P. S. Neely.....		P	Barnwell.....	"
54	P. S. Norris.....	B		Edgefield.....	"
55	W. P. Odom.....	B		Chesterfield.....	"
56	R. L. O'Neale.....		P	Richland.....	"
57	P. J. Peterkin.....		P	Orangeburg.....	"
58	J. E. Purifoy.....	B		Edgefield.....	"
59	E. L. Ready.....		P	Edgefield.....	"
60	W. D. Ready.....		P	Edgefield.....	"
61	W. M. Reid.....		P	Sumter.....	"
62	J. W. Rouse.....	B		Hampton.....	"
63	G. S. Salley.....		P	Orangeburg.....	"
64	H. E. Scheper.....		P	Beaufort.....	"
65	Henry Seigling.....		P	Charleston.....	"
66	V. S. Sloan.....		P	Charleston.....	"
67	J. P. Smith.....	B		Berkeley.....	"
68	G. M. Stackhouse.....	B		Marlboro.....	"
69	T. C. Stevenson.....	B		Chester.....	"
70	D. A. Stevens.....		P	Berkcley.....	"
71	T. C. Stone.....		P	Greenville.....	"
72	C. B. Stone.....		P	Greenville.....	"
73	G. M. Stuckey.....		P	Sumter.....	"
74	E. R. Tompkins.....	B		York.....	"
75	R. L. Turlington.....		P	Marlboro.....	"
76	E. P. Waring.....		P	Charleston.....	"
77	J. T. West.....	B		Greenville.....	"
78	Otto F. Wieters.....		P	Charleston.....	"
79	W. W. Willis.....		P	Barnwell.....	"
80	W. B. Wilson.....		P	Clarendon.....	"
81	Geo. L. Wilson.....		P	Oconee.....	"
82	J. A. Williams.....		P	Barnwell.....	"

*Turned back from 3d class, and allowed to re-enter.

COURSES OF INSTRUCTION.

The branches of study taught at the South Carolina Military Academy are grouped under the following departments :

1. *Mathematics and Engineering*—Comprising Algebra, Geometry, Trigonometry, Surveying, Descriptive Geometry, Analytical Geometry, Calculus, Military Engineering, Civil Engineering, Drawing, Bookkeeping.

2. *Physical Science*—Comprising Physical Geography, Physiology and Hygiene, Natural Philosophy, Chemistry, Mechanics, Mineralogy, Geology, Astronomy.

3. *History, Belles-Lettres and Ethics*—Comprising English Grammar, History of England, General History, English Literature, Rhetoric, Logic, Mental and Moral Philosophy, Political Economy, Constitutional Law, Elocution, and Composition.

4. *Modern Languages*—Comprising usual Course in French and German.

5. *Military Science and Tactics*—Comprising principles of Military Science and their application to the Art of War; and the Tactics of the three Arms of the Service.

ORDER OF STUDIES.

FOURTH CLASS.

First Term.—Algebra.
Physical Geography.
English Grammar.
French.

Second Term.—Algebra (completed).
Physiology and Hygiene.
History of England.
French.
Declamation and Composition.

THIRD CLASS.

First Term.—Geometry (completed).
Plane and Spherical Trigonometry.
Surveying.
Physics.
Outlines of General History and Lectures.
French.
Drawing.

Second Term.—Surveying—Field Work with Instruments—completed.
 Descriptive Geometry—Shades and Shadows, &c.
 Physics (continued).
 Rhetoric.
 Logic.
 French.
 Drawing.
 Declamation and Composition.

SECOND CLASS.

First Term.—Analytical Geometry.
 Chemistry—Inorganic.
 English Literature and Lectures.
 German.
 Drawing.

Second Term.—Calculus, with Philosophy of Mathematics.
 Chemistry—Organic.
 Chemistry—Agricultural.
 Mental Philosophy.
 German.
 Drawing.
 Elocution and Essays.
 Tactics.

FIRST CLASS.

First Term.—Civil Engineering.
 Mechanics.
 Mineralogy.
 Moral Philosophy and Lectures on Ethics.
 German.
 Drawing.
 Military Law and Procedure of Courts-Martial.

Second Term.—Civil and Military Engineering.
 Astronomy.
 Geology.
 Political Economy, and Lectures.
 Constitutional Law, and Lectures.
 German.
 Book-keeping.
 Elocution and Essays.
 Art and Science of War, and Military Engineering.

SCHEDULE OF DAILY RECITATIONS.

		9.30—10.30.	10.30—11.30.	11.30—12.30.	12.30—1.30.	2.30—3.30.	3.30—4.30.
I. Class.	1st Sec.	Mathematics.		Mil. Sci. Mon. & Thur. Eng. Wed.	Chemistry.	German alternating with Drawing.	
	2d Sec.	Mor. & Pol. Sci.	Math.	Mil. Sci. Tues. & Fri.	Chemistry.	Do.	
II. Class.	1st Sec.	English M., T. & W.	Chem.	Math.		German, alternating with Drawing.	English Thur. & Fri.
	2d Sec.	Do., and Chem. Thur. & Fri.	Chem. M., T. & W.		Math.	Do.	Do.
III. Class.	1st Sec.	Physics.	Math.	Drawing, alternating with French.		English.	
	2d Sec.	Math.	Physics.	Do. Sections alt'ng.	English.		
IV. Class.	1st Sec.	French, every other day.	English.	Math.	Physics, every other day.		
	2d Sec.	Do.		English.	Math.	Physics, every other day.	
	3d Sec.	English.	French, every other day.		Physics, every other day.	Math.	

FINANCES.

The Superintendent's Annual Report of Receipts and Disbursements shows a balance of \$10.31 cash in hand. His vouchers have, in accordance with law, been filed with the Comptroller General.

The expenditure per cadet has been as heretofore, \$300 per annum.

The usual appropriation of \$20,000 for the "free education and maintenance" of sixty-eight beneficiary cadets is asked.

FUND COLLECTED FROM THE FEDERAL GOVERNMENT.

Seventy-seven thousand two hundred and fifty dollars was received by the State from the Federal Government in settlement of rent and damage, due the State for Federal use and occupation of the Citadel Building from 1865 to 1882; during which time the Military School was suspended.

Of this amount, by an Act of the General Assembly of 1888, the sum of fifty-seven thousand two hundred and fifty dollars was directed to be paid to the Board of Visitors for the rebuilding, repair, and equipment of the Academy.

The last Report of the Board showed this work not entirely completed, and a balance of that date of nine thousand six hundred and fourteen dollars and fifty-eight cents remaining in its hands for the purpose.

The last Legislature increased this balance by a further appropriation from the same fund of twenty-five hundred dollars.

There has been spent during the year in completing the section rooms of the Department of Chemistry and Physics, and some other minor work, seven hundred and eight dollars; and, in rearranging the sewerage of the building, the further sum of eighteen hundred and forty dollars and twenty-eight cents. This work was done under the close and intelligent personal supervision of Maj. C. S. Gadsden—the resident member of the Board—and was deemed necessary in consequence of an epidemic that had broken out in the school and was assuming unhappy proportions. Reference is made to the Architect's Report for details of these expenditures.

There has been paid to this date for scientific equipment and appliances received and in place the sum of twenty-three thousand nine hundred and eighty dollars and seventy-four cents, a statement of which in detail is appended.

Vouchers for all these payments have been duly filed with the Comptroller General.

There is now in the hands of the Board, to be accounted for, five thousand five hundred and ninety-two dollars and fifty-one cents.

This sum is due and to be paid for scientific equipment, and books for the Library already contracted for and partly delivered. Vouchers for same will accompany the next Annual Report of the Board.

CHANGES OF OFFICERS.

The detail of Lt. C. H. Cabaniss of the 18th Infantry, U. S. A., as Professor of Military Science and Tactics, expired during the year, and he was succeeded by 2d Lt. John A. Towers, of the 1st Artillery, U. S. A.

Gen. George D. Johnston, after nearly five years' service, resigned the Superintendency, and Col. Asbury Coward was elected to succeed him.

The retiring officers served the Academy well, and carry with them the best wishes of the Board.

Lt. Towers is a native of the State, and a distinguished graduate of the U. S. Military Academy.

Of Col. Coward it is unnecessary to speak here. A brilliant soldier in the field, identified since with the instruction of youth both as a leading teacher and as an able State Superintendent of Education, the Board believes that the best interests of the Academy are sub-served by his acceptance of its charge.

JOHNSON HAGOOD,
Chairman.

DETAILED STATEMENT OF PURCHASES OF SCIENTIFIC EQUIPMENT, &c., TO DATE.

1890. Paid Keuffer & Esser Co.....	\$ 811 42
" Same.....	54 00
" Same.....	117 00
" Same.....	248 25
" Baker & Starbird.....	113 00
" Shaler.....	75 00
" Eimer & Amend.....	2,561 57
Express	50
	<hr/>
	\$3,980 74

ACCOMPANYING PAPERS.

1. Reports Superintendents.
2. Report Architect.

SUPERINTENDENT'S REPORTS.

HEADQUARTERS S. C. MILITARY ACADEMY,
CITADEL, CHARLESTON, S. C., July 2nd, 1890.

Gen. JOHNSON HAGOOD, Chairman Board of Visitors.

GENERAL: I have the honor to submit the following report of the Academy for that portion of the present academic session which has elapsed since my annual report of the 5th of November, 1889.

At the time of that report there were 153 cadets in attendance at the Academy. Of this number 19 have been honorably discharged, 13 on account of physical debility, 3 have resigned, 2 have been retired, 1 has been dismissed for deficiency in studies, 2 have been suspended for excess of demerits, and 3 have died. Of the total loss, 5 were beneficiaries and 25 were pay cadets.

There are at present on our rolls 123 cadets, of whom 63 are beneficiaries and 60 are pay cadets. The 1st class, which graduates this day, numbers 37 members; of whom 31 are beneficiaries and 6 are pay cadets. There will be on our rolls at the close of the present academic session 86 cadets, of whom 32 are beneficiaries and 54 are pay cadets.

The Academic Board recommend that diplomas be granted to all the members of the 1st class except to Cadets Eaves and Burdell, who, by reason of absence on account of illness, have failed to complete the course in geology. They recommend, however, "that these cadets be allowed to stand examination upon this study, and that diplomas be granted them if their mark be satisfactory."

The progress in studies made by the cadets has been good. Their general deportment has been unusually good. The cadets have been drilled in "the school of the company" and in "the school of the battalion," and also in the skirmish drill. The members of the 4th class have, in addition, been carefully practised in "the school of the soldier;" while the members of the 1st and 2d classes have been practised in the artillery drill. The proficiency made in the drill has been good.

The health of the corps has been, as usual, very good for the greater part of the session. The grip prevailed for a few weeks as an epidemic during the months of February and March, but without any serious consequences. During the latter part of the session a number of the cadets had a low fever of typhoid type, which occasioned me much anxiety. Fearing that there might be some local

cause for this disease, I appointed a board of officers to examine into and report upon the subject, and have the honor to enclose their report for the information of the Board. I further had the grounds thoroughly overhauled, and discontinued the use of the cistern water, substituting artesian water in its place.

It is with exceeding regret and pain that I announce to the Board the death of three of our most promising young men, to wit: Cadets Wilson and Rivers of the 2nd class, and Cadet Robinson of the 4th class. They died during the last month of the session of typhoid fever. Proper orders were issued and proper respect was observed upon the death of each of these cadets.

I have the honor to be, respectfully,

Your obedient servant,

GEO. D. JOHNSTON,
Superintendent.

HEADQUARTERS S. C. MILITARY ACADEMY,
CITADEL, CHARLESTON, S. C., November 3d, 1890.

Gen. JOHNSON HAGOOD, *Chairman Board of Visitors*

South Carolina Military Academy.

GENERAL: I have the honor to report that in obedience to the action of your Board, made known to me through your letter of September 7th, 1890, I assumed the command of the South Carolina Military Academy on the morning of October 1.

I found the Academy buildings in good condition generally, and especially so in its sanitary arrangements. The recent improvements in the sewerage system, the overhauling and purification of the cisterns, and the commodious and comfortable water closets just completed, leave nothing to be desired at present in the matter of sanitation.

The academic equipment of the institution is also quite satisfactory. The large additions lately made to the Department of Chemistry and Physics, in the way of chemicals, fittings, specimens, and apparatus; the improved appliances furnished to the Drawing Department, and the opening at an early day of the Library of well selected books now contracted for, together with the present outfit in the other departments, give all reasonable facilities for thorough academic work.

In the Military Department the furniture is least satisfactory. The small arms are not all of the same pattern; they and the accoutrements are worn by several years' use and cannot now be made to come up to the appearance expected of a corps belonging to the Mil-

tary school of the State; and the four heavy and unwieldy pieces of artillery belong to a period a quarter of a century in the past, and, therefore, unfit for the purposes of modern tactical instruction. The change recently made by the Board in the status of the U. S. Army officers detailed for duty at the Academy, while it will vastly improve the military discipline of the corps, will also render it possible, I hope, to remedy the deficiencies mentioned without additional cost to the State. Under Sec. 1225, R. S. U. S., provision is made for supplying institutions enjoying the detail of an army officer with a proper outfit of infantry arms and a battery of artillery. These will be of a character to enable the military instruction of the corps to reach in all respects the standard maintained by the military force of the Government.

On the 1st of October 2d Lieut. John A. Towers, 1st Artillery U. S. A., reported for duty as *Commandant of Cadets*. This office is a new one in this Institution; and the changes necessitated by it in the revised Regulations and former customs of the Academy, and the proper differentiation of his duties, have required much thought and deliberation; but I am happy to state that the work has been done without friction.

At the beginning of the current academic year one hundred and sixty-four pupils presented themselves, eighty-two of whom were already upon the roll of the Academy; the remaining eighty-two were new appointees. Of the latter, 36 are Beneficiary, and 46 are Pay Cadets. The same classification of the entire number shows:

Beneficiary Cadets.....	68
Pay Cadets	96
	—
Total.....	164

In consequence of my brief connection with the Academy, I can only say, in conclusion, that all the officers seem disposed to cooperate heartily with me in the attainment of highest and best results, and that the Corps of Cadets are a fine body of intelligent youths.

Very respectfully, your obedient servant,

ASBURY COWARD,

Superintendent.

Superintendent's Annual Account of Receipts and Expenditures for Fiscal Year Ending Oct. 31st, 1890.

1890	To balance on hand, Oct. 31st, 1889..	\$ 40 33			<i>Paid, as per Quartermaster's Statements.</i>	
	" Board Visitors:		1889.			
	" pay fund for the year.....	21,629 26	November.	Paid by Quartermaster's vouchers herewith.	\$ 4,576 96	
	" beneficiary fund.....	20,000 00	December.	" " " "	3,661 48	
	" insurance from State Treasurer.....	400 00	1890.			
	" Quartermaster's sales for year.....	296 04	January.	" " " "	5,196 13	
			February.	" " " "	3,847 82	
			March.	" " " "	3,686 95	
			April.	" " " "	4,090 28	
			May.	" " " "	3,602 86	
			June.	" " " "	3,942 68	
			July.	" " " "	1,619 92	
			August.	" " " "	1,173 81	
			September.	" " " "	1,420 77	
			October.	" " " "	5,535 69	
				By balance	10 31	
		<u>\$42,365 66</u>				<u>\$42,365 66</u>
	To balance.....	\$10 31				

ARCHITECT'S REPORT.

CHARLESTON, S. C., Sept. 1, 1890.

GEN. JOHNSON HAGOOD, *Chairman Board Visitors*

South Carolina Military Academy.

GENERAL: I have the honor herewith to file vouchers for completion of the work in section rooms of the Department of Chemistry and Physics at the Citadel, amounting to.....\$ 708 00 and also for rearrangement of the cisterns and sewerage, amounting to 1,840 28

Total\$ 2,548 28

Of the last mentioned work, undertaken in consequence of an epidemic of typhoid fever in the school, it is proper to speak fully.

The matter had been put by the Board of Visitors in the charge of Maj. C. S. Gadsden—one of the members—and I acted directly under his orders.

At his request I made, in July last, an examination of the drainage system at the Citadel, the cisterns, and also the water closets, urinals, and bath rooms. I found the entire drainage defective; the cisterns in need of cleaning and proper overflows; the cadet water closets badly constructed, and of old and imperfect appliance; some of the water closets for officers were unnecessary and badly located; the cadet urinal led directly into the main drain at the point of ventilation; and the waste water from the bath room emptied also directly into the main drain. This was reported verbally at the time, and after an inspection by Major Gadsden, I was authorized to devise an entire new system of drainage, etc. My plans, having been completed, were submitted and approved. I present herewith two plans, showing the old and the new status. As will be seen from the plans, the entire waste water of the building, including kitchen, urinal, bath room, overflow from cisterns, and storm water from roof and parade ground, found its way to the drain in Tobacco street through the main archway. Tobacco street drain connected with King street drain, and the overflows from many privies emptied into it. Consequently, at high tide, much offensive gas was forced up into traps and gratings left open to receive the storm water which fell upon the Parade.

The present arrangement is, that all offensive drainage is conducted into the drain in Hudson street. The slop water from the kitchen

and pantry is taken by an independent drain, properly trapped, directly into the Hudson street drain; the main drain in the East Wing is cut off from the main building at the curtain, and thence empties into Hudson street. The cadet urinal, and the water from the bath room, is also carried into Hudson street by the same drain. The waste water from the cadet quarters is taken directly to Hudson street by three drains running under the north side of the main building; these are properly trapped to prevent any foul air from coming into the cadet quarters.

The overflows from the cisterns are taken by pipes directly through the north side of main building, emptying upon the *surface* of Hudson street, and not connected in any way with any drain, thus rendering it impossible for sewer gas to find its way into the cisterns. The cisterns on the West side of the main building had no overflow, but this has been supplied, and in the same manner as the others. Upon the recommendation of Maj. Reese, after the cisterns had been thoroughly cleansed, they were washed inside with a preparation of potassa, the filters taken out and new ones put in their places. The old Tobacco street drain has been cut off just west of the archway, and a new pipe drain has been laid from the archway eastwardly to Meeting street, emptying on the surface of the street into this new drain, which is not connected in any manner with any sewer or drain. All the storm water which falls upon the Parade, and the waste water from the roof, is carried off to Meeting street. The cadet water closets have all been removed and new and improved closets are being erected, and should be ready by the time the term commences. The main dry well into which these closets will empty has been connected by an overflow pipe with the drain in Hudson street, which will, I hope, prevent it from filling as heretofore. The water closets and urinals on the second floor adjoining the rotunda on either side have been removed and the dry wells cleaned and then filled with clean sand and lime. The water closet and bath room in the cadet quarters on the second floor on the western side of the main building has been removed, as there was no longer any use for them. I append to this report a statement of expenditures—marked "A" and "B."

Respectfully submitted,

T. A. HUGUENIN.

A.

STATEMENT EXPENSES COMPLETING SECTION ROOM, &C.

1890. Balance in my hands, being error in stating amount of Bakewell & Mullin's in last Report	\$ 8.00
Check from Clerk Board.....	700.00
	<hr/>
	\$708.00
Paid Wettenham & Fisher.....	\$ 75.00
“ same	450.00
“ W. F. Padden.....	34.10
“ same	140.00
“ Freight.....	1.72
“ R. McCarrel.....	6.28
	<hr/>
	\$708.00

B.

STATEMENT RECEIPTS AND EXPENDITURES—SEWERAGE, &C.

By cash received from Chairman Board.....	\$ 500.00
“ “ “ “ “ “	1,340.28
	<hr/>
Total receipts.....	\$1,840.28
To pay roll July 19.....	\$ 29.60
“ “ “ 26.....	41.15
“ “ “ Aug. 2.....	50.85
“ “ “ 9.....	57.00
“ “ “ 16.....	41.94
“ “ “ 30.....	14.25
Paid C. F. Panknin.....	1.25
“ C. P. Poppenheim .....	.25
“ G. E. Toale & Co.....	63.19
“ W. F. Paddon.....	48.45
“ Robt. McCarrel.....	71.00
“ E. L. Halsey.....	1.87
“ Telegraph messages.....	.85
“ Drawing plans, &c., (G. M. G.).....	50.00
“ J. Nolte, copying, &c.,.....	10.00
“ Guillenin & Riley.....	1,272.80
“ T. A. H. Com's cu Ex's.....	85.83
	<hr/>
	\$1,840.28

1847
The following is a list of the names of the persons who have been admitted to the membership of the Society since the last meeting of the Council, viz.:

John W. Chapman, Esq.
Wm. W. Chapman, Esq.
Wm. W. Chapman, Esq.
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