

OFFICIAL REGISTER

OF THE

Officers and Cadets

OF THE

U. S. MILITARY ACADEMY,

West Point, N. Y.

JUNE, 1877.



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JUNE, 1877.

# BOARD OF VISITORS.

JUNE, 1877.

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## APPOINTED BY THE PRESIDENT OF THE UNITED STATES.

1. PROFESSOR CHARLES O. THOMPSON, (*President*).. MASSACHUSETTS.
2. RT. REV. C. T. QUINTARD, D.D., LL.D., (*Secretary*).....TENNESSEE.
3. GENERAL DAVID B. HILLIS.....IOWA.
4. GENERAL THOMAS W. HYDE.....MAINE.
5. COLONEL JOHN S. McCALMONT.....PENNSYLVANIA.
6. REV. CHARLES S. RICHARDSON.... ..NEW YORK.
7. HON. A. E. STEVENSON..... ILLINOIS.

## APPOINTED BY THE PRESIDENT OF THE SENATE.

8. HON. JAMES G. BLAINE, UNITED STATES SENATE.
9. HON. SAMUEL B MAXEY, UNITED STATES SENATE.

## APPOINTED BY THE SPEAKER OF THE HOUSE OF REPRESENTATIVES.

10. HON. HENRY B. BANNING, UNITED STATES HOUSE OF REPRESENTATIVES.
11. HON. THOMAS C. PLATT, UNITED STATES HOUSE OF REPRESENTATIVES.
- 12.\* HON. GILBERT C. WALKER, UNITED STATES HOUSE OF REPRESENTATIVES.

\* Not present.

# Officers of the Military Academy.

1877

<i>Rank, Name, &amp;c.</i>	<i>Brevet Commissions and Volunteer Service.</i>	<i>Original entry into service, subsequent commissions and appointments.</i>	<i>How employed.</i>
<b>Superintendent.</b>			
Major-General JOHN M. SCHOFIELD, U. S. Army.	Maj. Gen. bvt. . . . . 13 March, '65 Maj. 1 Mo. Inf. . . . . 26 April, '61 Maj. 1 Mo. Art. . . . . 26 June, '61 Brig. Gen. vol. . . . . 21 Nov., '61 Maj. Gen. vol. . . . . 29 Nov., '63 Mustered out. . . . . 1 Sept., '66	Bvt. 2 Lt. 2 Art. . . . . 1 July, '53 2 Lt. 1 Art. . . . . 31 Aug., '53 1 Lt. . . . . 3 March, '55 Captain . . . . . 14 May, '61 Captain 11 Inf. . . . . 14 May, '61 [Declined.] Brig. Gen. . . . . 30 Nov., '64 Maj. Gen. . . . . 4 March, '69	
Captain WILLIAM M. WHERRY, 6th Infantry.	Capt. bvt. . . . . 1 Sept., '64 Maj. bvt. . . . . 16 Dec., '64 Col. bvt. . . . . 13 March, '65 Lt. Col. bvt. . . . . 13 March, '65 1 Lt. 3 Mo. Inf. . . . . 8 May, '61 Mustered out. . . . . 18 Aug., '61 Maj. A.D.C. vol. . . . . 31 May, '64 Mustered out. . . . . 9 Feb., '66 Brig. Gen. vol. bvt. . . . .	1 Lt. 13 Inf. . . . . 26 Oct., '61 Captain . . . . . 5 April, '66 Transf'd 31 Inf. . . . . 21 Sept., '66 Unassigned . . . . . 15 May, '69 Assigned 6 Inf. . . . . 15 Feb., '70	Aid-de-Camp.
Captain RICHARD F. O'BEIRNE, 21st Infantry.	Maj. bvt. . . . . 1 Aug., '64 Lt. Col. bvt. . . . . 18 Aug., '64	1 Lt. 14 Inf. . . . . 14 May, '61 Captain . . . . . 25 Oct., '61 Transf'd 32 Inf. . . . . 21 Sept., '66 Transf'd 21 Inf. . . . . 15 April, '69 2 Lt. 5 Cav. . . . . 15 June, '70 1 Lt. . . . . 12 Nov., '76	Aid-de-Camp.
First Lieutenant FRANK MICHLER, 5th Cavalry.	. . . . .	. . . . .	Aid-de-Camp.



1st Lieut. WILLIAM P. DUVALL, 5th Artillery,	.....	2 Lt. 5 Art.....15 June, '69 1 Lt. .... .9 April, '77	} Acting Assistant Professors.
2d Lieut. CLARENCE A. POSTLEY, 3d Artillery,	.....	2 Lt. 3 Art.....15 June, '70	
2d Lieut. EDGAR Z. STEEVER, Jr., A.M., 3d Cavalry,	.....	2 Lt. 3 Cav.....12 June, '71	
2d Lieut. WALLACE MOTT, 8th Infantry,	.....	2 Lt. 3 Inf. ....12 June, '71	
2d Lieut. THOMAS N. BAILEY, Corps of Engineers,	.....	2 Lt. Engrs.... .18 June, '73	

## DEPARTMENT OF CHEMISTRY, MINERALOGY AND GEOLOGY.

Prof. (Col.) HENRY L. KENDRICK, LL.D.	Maj. bvt..... . 12 Oct., '47 Brig. Gen. vol. 23 Sept., '61 [Declined.]	Bvt. 2 Lt. 2 Inf.... 1 July, '35 2 Lt. .... .1 April, '36 Transf'd 2 Art...16 June, '36 1 Lt..... .20 June, '37 Captain..... .18 June, '46 Prof. M. A..... .3 March, '57 2 Lt. 5 Art..... .15 June, '68 1 Lt..... .1 March, '75	Professor.
1st Lieut. DAVID D. JOHNSON, 5th Artillery,	.....	2 Lt. 5 Cav.....12 June, '71	} Assistant Professor  } Acting Assistant Professors.
1st Lieut. GEORGE B. DAVIS, 5th Cavalry,	2 Lt. 1 Mass. Cav.17 June, '65 Mustered out....29 June, '65	1 Lt..... .9 May, '77	
2d Lieut. WALTER S. WYATT, 9th Infantry,	.....	2 Lt. 3 Cav.....12 June, '71 Transf'd 9 Inf.... .8 May, '72	

## DEPARTMENT OF THE SPANISH LANGUAGE.

Prof. (Col.) PATRICE DE JANON,	.....	Prof. M. A..... . 1 July, '57 Discharged..... . 16 Sept. '63 Restored..... . 4 March, '65	Professor.
1st Lieut. GEORGE B. DAVIS, 5th Cavalry,	2 Lt. 1 Mass. Cav 17 June, '65 Mustered out....29 June, '65	2 Lt. 5 Cav..... . 12 June, '71 1 Lt..... .9 May, '77	Assistant Professor
2d Lieut. ORIN B. MITCHAM, 4th Artillery,	.....	2 Lt..... .17 June, '74	Acting Assistant Professor.

<i>Rank, Name, &amp;c.</i>	<i>Brevet Commissions and Volunteer Service.</i>	<i>Original entry into service, subsequent commis- sions, and appointments.</i>	<i>How Employed.</i>
DEPARTMENT OF TACTICS.			
Lieut.-Col. THOMAS H. NEILL, 6th Cavalry,	Maj. bvt. .... 1 July, '62 Lt. Col. bvt. .... 3 May, '63 Col. bvt. .... 12 May, '64 Brig. Gen. bvt. 13 March, '65 Col. 23 Pa. Inf. .... 17 Feb., '62 Brig. Gen. vol. .... 8 May, '63 Mustered out. .... 24 Aug. '65 Maj. Gen. vol. bvt. ....	Bvt. 2 Lt. 4 Inf. .... 1 July, '47 2 Lt. 5 Inf. .... 8 Sept., '47 1 Lt. .... 31 July, '50 Captain. .... 1 Sept., '57 Maj. 11 Inf. .... 26 Aug., '63 Transf'd 20 Inf. 21 Sept., '66 Lt. Col. 1 Inf. .... 22 Feb., '69 Unassigned. .... 15 March, '69 Assigned 6 Cav. 15 Dec., '70 Bvt. 2 Lt. 3 Art. .... 1 July, '51 2 Lt. .... 12 Dec., '51 1 Lt. .... 31 Jan., '55 Capt. 18 Inf. .... 14 May, '61 [Declined.] Capt. 3 Art. .... 14 May, '61 Maj. 4 Art. .... 20 Dec., '75 2 Lt. 1 Cav. .... 6 May, '61 1 Lt. 4 Cav. .... 14 Sept., '61 Captain. .... 25 July, '65	Commandant of Cadets and Instruc- tor of Artillery, Cavalry and Infantry Tactics.
Major ALEXANDER PIPER, 4th Artillery,	Maj. bvt. .... 30 Aug., '62 Lt. Col. bvt. .... 15 June, '64 Col. 10 N. Y. Art. .... 7 Jan., '63 Mustered out. .... 6 July, '65	Bvt. 2 Lt. 3 Art. .... 1 July, '51 2 Lt. .... 12 Dec., '51 1 Lt. .... 31 Jan., '55 Capt. 18 Inf. .... 14 May, '61 [Declined.] Capt. 3 Art. .... 14 May, '61 Maj. 4 Art. .... 20 Dec., '75	Assistant Instruc- tor of Artillery Tactics.
Captain EUGENE B. BEAUMONT, 4th Cavalry,	Captain bvt. .... 7 Nov., '63 Maj. bvt. .... 2 April, '65 Lt. Col. bvt. .... 2 April, '65 Capt. A. D. C. vol. 1 June, '63 Maj. A. A. G. vol. 8 Nov., '64 Mustered out. 19 March, '66 Col. vol. bvt. ....	2 Lt. 1 Cav. .... 6 May, '61 1 Lt. 4 Cav. .... 14 Sept., '61 Captain. .... 25 July, '65	Assistant Instruc- tor of Cavalry Tactics.
1st Lieut. LEVERETT H. WALKER, 15th Infantry,	.....	2 Lt. 15 Inf. .... 12 June, '71 1 Lt. .... 2 Nov., '75	Assistant Instruc- tor of Infantry Tactics.
1st Lieut. ALEXANDER L. MORTON, 5th Artillery,	.....	2 Lt. 5 Art. .... 15 June, '68 1 Lt. .... 22 Nov., '76	Ass't Instructor of Art. & Inf. Tactics
1st Lieut. ABRAM E. WOOD, 4th Cavalry,	2 Lt. 13 Iowa Inf. 1 July, '65 Mustered out. .... 21 July, '65	2 Lt. 4 Cav. .... 14 June, '72 1 Lt. .... 22 Nov., '76	Ass't Instructor of Cavalry Tactics.
2d Lieut. IRA MACNUTT, 3d Artillery,	.....	2 Lt. 3 Art. .... 15 June, '70	Ass't Instructor of Art. & Inf. Tactics.
2d Lieut. OTTO L. HEIN, 1st Cavalry,	.....	2 Lt. 1 Cav. .... 15 June, '70	Ass't Instructor of Infantry & Cavalry Tactics.

DEPARTMENT OF NATURAL AND EXPERIMENTAL PHILOSOPHY.

1877

Prof. (Lt.-Col.) PETER S. MICHIE, Ph. D.	Capt. bvt. .... 28 Oct., '64	1 Lt. Engrs. .... 11 June, '63	Professor.
	Maj. bvt. .... 28 Oct., '64	Captain. .... 23 Nov., '65	
	Lt. Col. bvt. .... 9 April, '65	Prof. M. A. .... 14 Feb., '71	
	Lt. Col. A. I. G. (Act. 17 July, '62) 23 March, '65 to June, '65		
Captain CHARLE- W. RAYMOND, Ph. D., Corps of Engineers,	Brig. Gen. vol. bvt. ....	1 Lt. Engrs. .... 23 June, '65	Assistant Professor.
	.....	Captain. .... 21 March, '67	
1st Lieut EDGAR W. BASS, Corps of Engineers,	.....	Bvt. 2 Lt. .... 15 June, '68	} Acting Assistant Professors.
	.....	2 Lt. .... 15 Feb., '69	
1st Lieut. ANDREW H. RUSSELL, Ordnance Department,	.....	1 Lt. .... 14 Feb., '71	
	.....	2 Lt. 3 Cav. .... 12 June, '71	
		1 Lt. Ord. Dep't. 21 April, '76	

DEPARTMENT OF THE FRENCH LANGUAGE.

Prof. (Lt.-Col.) GEO. L. ANDREWS, A.M.	Lt Col. 2 Mass. Inf. 25 May, '61	Bvt. 2 Lt. Engrs. ... 1 July, '51	Professor.
	Col. 2 Mass. Inf. 13 June, '62	2 Lt. .... 2 Feb., '54	
	Brig. Gen. vol. .... 10 Nov., '62	Resigned. .... 1 Sept., '55	
	Mustered out. .... 24 Aug., '65	Prof. M. A. .... 28 Feb., '71	
1st Lieut. EDWARD E. WOOD, 8th Cavalry,	Maj. Gen. vol. bvt. ....	1 Lt. 8 Cav. .... 15 June, '70	Assistant Professor.
	1 Lt. 17 Pa. Cav. 22 July, '64	1 Lt. .... 31 July, '73	
2d Lieut. WILLIAM H. COFFIN, 5th Artillery,	Mustered out. .... 7 Aug., '65	2 Lt. 5 Art .... 13 June, '73	} Acting Assistant Professors.
	.....	2 Lt. 2 Art. .... 13 June, '73	
2d Lieut. GEORGE F. E. HARRISON, 2d Artillery,	.....	2 Lt. 1 Art. .... 16 June, '75	
	2d Lieut. TASKER H. BLISS, 1st Artillery,	.....	

DEPARTMENT OF GEOGRAPHY, HISTORY AND ETHICS.

Prof. (Lt.-Col.) Rev. JOHN FORSYTH, D.D., LL.D.,	Chap. 19 N. Y. S. M. 2 July, '62	Chap. & Prof. { 28 July, '71	Chaplain and Professor.
	Mustered out. ... 6 Sept., '62		

7

<i>Rank, Name, &amp;c.</i>	<i>Brevet Commissions and Volunteer Service.</i>	<i>Original entry into service, subsequent commissions and appointments.</i>	<i>How Employed.</i>
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DEPARTMENT OF CIVIL AND MILITARY ENGINEERING.

Prof. (Lt.-Col.) JUNIUS B. WHEELER,	Maj. bvt. .... 30 April, '64 Lieut. Col. bvt. 13 March, '65 Col. bvt. .... 13 March, '65	2 Lt. 11 Inf. ... 9 Sept., '47 Disbanded ... 14 August, '48 Bvt. 2 Lt. 2 Cav. ... 1 July, '55 2 Lt. .... 21 Aug., '55 Trans. Top. Eng. 27 June, '56 1 Lt. .... 1 July, '60 Capt. Engrs ... 3 March, '63 Major ... 10 July, '66 Prof. M. A. .... 16 Sept. '71	Professor.
1st Lieut. CLINTON B. SEARS, Corps of Engineers.	.....	2 Lt. Engrs. .... 17 June, '67 1 Lt. .... 17 June, '67	Assistant Professor } Acting Assistant Professors.
1st Lieut. WILLIAM H. BIXBY, Corps of Engineers,	.....	2 Lt. Engrs. .... 13 June, '73 1 Lt. .... 9 Dec., '75	
2d Lieut. WILLIAM T. ROSSELL, Corps of Engineers,	.....	2 Lt. Engrs. .... 13 June, '73	

DEPARTMENT OF LAW.

Prof. (Lt.-Col.) ASA B. GARDNER, L.L.D. Major and Judge Advocate, U. S. A.	1 Lt. 31 N.Y. Inf. 27 May, '61 to 7 Aug., '61 Capt. 22 N.Y. Inf. 31 May, '62 to 5 Sept., '62 Capt. 22 N.Y. Inf. 18 June, '63 to 24 July, '63 1 Lt. V. R. C. .... 16 May, '65 Mustered out. .... 13 Aug., '66 Capt. vol. bvt. ....	2 Lt. 9 Inf. .... 20 July, '66 1 Lt. .... 14 Feb., '68 Transf'd 1 Art. ... 3 April, '69 Maj Judge Adv. ... 18 Aug., '73 Prof. M. A. .... 29 July, '74 (Assigned under Act of June 17, '74)	Professor.
2d Lieut. ROLLIN A. IVES, 5th Artillery,	.....	2 Lt. 5 Art. .... 15 June, '70	Assistant Professor

DEPARTMENT OF DRAWING.

Prof. (Lt.-Col.) CHARLES W. LARNED.	.....	2 Lt. 3 Cav. ... 15 June, '70 Transf'd 7 Cav. ... 10 Oct., '70 1 Lt. .... 25 June, '76 Prof. M. A. .... 25 July, '76	Professor.
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1st Lieut. HENRY A. REED, 2d Artillery,	1 Lt. 24 Wis. Inf. 19 Feb., '65 Mustered out... 10 June, '65	2 Lt. 2 Art. .... 15 June, '70 1 Lt. .... 21 May, '75	Assistant Professor.
2d Lieut. THOMAS G. TOWNSEND, 6th Infantry,	.....	2 Lt. 6 Inf. .... 12 June, '71	Acting Assistant Professor.

DEPARTMENT OF ORDNANCE AND GUNNERY.

Major ALFRED MORDECAI, Ordnance Department,	Maj. bvt. .... 7 Sept., '63 Lt. Col bvt ... 13 March, '65	Bvt. 2 Lt. Top. Eng 24 June, '61 2 Lt. .... 3 Aug., '61 Transf'd Ord. .... 23 Oct., '61 1 Lt. .... 3 March, '63 Captain. .... 1 June, '63 Major. .... 23 June, '74	Instructor of Ordnance and Gunnery.
1st Lieut. CHARLES SHALER, Ordnance Department,	.....	2 Lt. 5 Art. .... 17 June, '67 Transf'd Ord. .... 5 July, '67 1 Lt. .... 23 June, '74	Assistant Instructor.

DEPARTMENT OF PRACTICAL MILITARY ENGINEERING.

Captain OSWALD H. ERNST, Corps of Engineers,	Capt. bvt. ... 13 March, '65	1 Lt. Engrs. .... 13 June, '64 Captain. .... 7 March, '67	Instructor.
1st Lieut. HENRY A. REED, 2d Artillery,	1 Lt. 24 Wis. Inf. 19 Feb., '65 Mustered out... 10 June, '65	2 Lt. 2 Art. .... 15 June, '70 1 Lt. .... 21 May, '75	Ass't Instructor of Mil. Sig. & Telegr'y.
1st Lieut. HENRY S. TABER, Corps of Engineers.	.....	2 Lt. .... 13 June, '73 1 Lt. .... 29 Jan., '77	Ass't Instructor of Pract. Mil. Eng.
ANTONÉ LORENTZ.	.....	Sword Master... 13 April, '58	Sword Master.

## CLASSIFICATION OF CADETS.

The Cadets are arranged in four distinct classes, corresponding with the four years of study. The Cadets employed on the first year's course constitute the **FOURTH CLASS**; those on the second year's course the **THIRD CLASS**; those on the third year's course the **SECOND CLASS**; and those on the fourth year's course the **FIRST CLASS**.

The academic year commences on the 1st of July, on or before which day the result of the examination held in the preceding month is announced, and at no other time will a Cadet be advanced or transferred from one class to another, unless prevented by sickness, or authorized absence, from attending at the aforesaid examination; in which case a special examination will be granted him; but in no case will a Cadet be advanced from one class to another without having passed a satisfactory examination by the Academic Board.

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*NOTE.*—Names marked thus \* are to be attached to the next Army Register, in conformity with a regulation for the government of the Military Academy, requiring the names of the most distinguished Cadets, not exceeding five in each Class, to be reported for this purpose at each Annual Examination.

*Cadets whose names are marked thus † were found deficient, and turned back, to join the next succeeding class.*

*Cadets whose names are marked thus ‡ were found deficient, and discharged.*

# CADETS

ARRANGED IN

Order of Merit in their Respective Classes,

AS DETERMINED AT THE

ANNUAL EXAMINATION,

IN

JUNE, 1877.

## FIRST CLASS—77 MEMBERS—GRADUATED JUNE 14, 1877.

Order of general merit	Names.		State.		Date of Admission.	Age at date of Admission.		Order of merit in					Demerit for the year.
			Born in	Appointed from		Years.	Mos.	Engineering.	Law.	Mineral. & Geol.	Ordnance & Gun'ry.	Discipline.	
*1	Black, William M. . . . .	Pa.	Pa.	July 1, 1873	17	7	1	5	2	1	1	0	
*2	Fisk, Walter L. . . . .	Ill.	Iowa.	Sept. 1, "	18	7	5	6	1	3	1	6	
*3	Roessler, Solomon W. . . . .	Ill.	Ill.	" "	18	8	4	2	3	2	1	7	
*4	Patterson, Thomas C. . . . .	Pa.	Ohio.	" "	17	7	6	3	6	4	1	8	
*5	Todd, Albert. . . . .	R. I.	Kansas	July 1, "	18	8	8	1	4	5	1	0	
6	Gordon, William B. . . . .	Pa.	Pa.	" "	20	2	2	4	19	8	1	10	
7	Springett, Howard A. . . . .	Ohio.	Ohio.	" "	18	5	3	13	9	7	13	62	
8	Galbraith, William W. . . . .	Pa.	Pa.	" "	21	9	13	9	5	16	1	27	
9	Massey, Solon F. . . . .	N. Y.	Ohio.	" "	20	6	10	16	8	10	4	31	
10	Haden, John J. . . . .	Mo.	Texas.	" "	20	2	15	20	10	24	1	1	
11	Woodward, Charles G. . . . .	Md.	Md.	" "	20	6	11	7	11	6	1	16	
12	Slaker, Adam. . . . .	Ill.	Ill.	Sept. 1, "	18	5	16	12	13	22	1	6	
13	White, John V. . . . .	Miss.	Miss.	" "	19	5	14	10	18	13	1	0	
14	Marsh, Frederick. . . . .	N. Y.	Mo.	" "	20	8	12	15	7	25	14	42	
15	Price, David, jr. . . . .	Wales.	Iowa.	July 1, "	21	3	7	14	25	19	1	0	
16	Blair, Francis P. . . . .	Mo.	Mo.	" "	17	8	18	32	17	21	16	72	
17	Shofner, James C. . . . .	Tenn.	Tenn.	Sept. 1, "	19	8	33	27	21	14	1	7	
18	Foster, Fred W. . . . .	Pa.	N. Y.	July 1, "	20	7	17	24	15	12	21	44	
19	Parker, Theophilus . . . . .	N. C.	N. C.	" "	18	7	22	8	33	17	7	44	
20	Plummer, Edward H. . . . .	Md.	Md.	" "	17	9	38	35	24	28	1	13	
21	Martin, Medad C. . . . .	Vt.	Vt.	" "	18	8	28	18	32	11	2	25	
22	Blocksom, Augustus P. . . . .	Ohio.	Ohio.	Sept. 1, "	18	10	26	21	30	26	33	104	
23	Gatewood, Charles B. . . . .	Va.	Va.	July 1, "	20	3	29	30	27	33	9	43	
24	Galbraith, Jacob G. . . . .	Minn.	Pa.	Sept. 1, "	17	4	19	17	22	15	48	145	
25	Murray, Cunliffe H. . . . .	S. C.	N. Y.	July 1, "	20	11	21	31	16	18	1	2	
26	Wilson, Richard H. . . . .	Mich.	Mich.	" "	20	0	27	22	14	9	30	85	
27	Esterly, Calvin. . . . .	Ohio.	Kansas	" "	21	0	25	39	29	38	6	42	
28	Chynoweth, Edward. . . . .	N. Y.	Wis.	Sept. 1, "	19	8	34	65	50	30	38	140	
29	Patten, Francis J. . . . .	Me.	Me.	July 1, "	20	8	9	63	38	35	41	68	
30	Philbrick, John H. . . . .	Me.	Me.	" "	19	11	30	45	42	34	31	89	
31	Goldman, Henry J. . . . .	Germany	N. Y.	Sept. 1, "	18	1	20	33	12	27	5	34	
32	Wilder, Wilber E. . . . .	Mich.	Mich.	July 1, "	17	10	37	37	40	40	36	120	
33	Thorington, Monroe P. . . . .	Iowa.	Iowa.	" "	18	6	31	28	35	32	1	0	
34	(a) Paddock, James V. S. . . . .	Ill.	Ill.	Sept. 1, "	17	2	24	41	31	45	44	104	

(a) Borne on former Registers as James S. Paddock—Name changed by authority of Secretary of War of May 24, 1877.

FIRST CLASS—77 MEMBERS—GRADUATED JUNE 14, 1877.

Order of general merit	Names.		State.		Date of Admission.	Age at date of Admission.		Order of merit in					Demerit for the year.
			Born in	Appointed from		Years.	Mos.	Engineering.	Law.	Mineral. & Geol.	Ordnance & Gun'nry.	Discipline.	
35	Hoppin, Curtis B. . . . .		N. Y.	N. Y.	Sept. 1, 1873	18	8	23	50	34	39	22	47
36	Mann, James D. . . . .		Ind.	Ind.	July 1, "	19	1	40	29	23	41	1	14
37	Stevens, Robert R. . . . .		Texas.	Miss.	Sept. 2, "	18	2	36	19	36	49	50	173
38	Kirby, Henry. . . . .		N. C.	N. C.	July 1, "	21	8	35	51	47	58	25	60
39	Barry, Thomas H. . . . .		N. Y.	N. Y.	"	17	9	43	46	56	36	8	60
40	Guilfoyle, John F. . . . .		Md.	At Large.	(a)" 1872	19	9	39	11	20	20	24	55
41	Brown, William C. . . . .		Minn.	Minn.	" 1873	18	6	41	40	39	48	1	6
42	Wood, William T. . . . .		Ill.	Ill.	" "	19	0	47	26	43	23	45	134
43	Safford, Robert E. . . . .		Ohio.	Ohio.	" "	19	1	42	25	26	29	32	147
44	Crane, Charles J. . . . .		Miss.	Texas.	(b)S'pt. 1, '72	5	45	48	46	50	23	49	49
45	Hammond, Harry T. . . . .		Cal.	Idaho.	July 1, 1873	17	2	53	53	59	55	43	174
46	Bigelow, John, jr. . . . .		N. Y.	N. Y.	" "	19	1	56	73	57	69	35	91
47	Augur, Ammon A. . . . .		Mich.	Mich.	" "	20	7	32	23	28	54	34	112
48	Baxter, George W. . . . .		N. C.	Tenn.	" "	18	6	58	54	62	52	37	132
49	Bradley, Charles A. . . . .		N. Y.	Ill.	" "	17	11	52	49	44	47	1	13
50	Flipper, Henry O. . . . .		Ga.	Ga.	" "	17	4	51	34	70	57	15	25
51	Brereton, John J. . . . .		N. J.	N. J.	" "	17	5	65	58	61	51	53	191
52	Brown, Oscar J. . . . .		Ga.	Ga.	(c)" 1872	18	8	57	42	41	43	46	151
53	Emmet, Robert T. . . . .		N. Y.	At Large.	Sept. 1, 1873	18	8	49	67	37	74	55	175
54	Butler, Ben I. . . . .		Mass.	Mass.	July 1, "	18	1	55	59	54	62	10	30
55	McMartin, John. . . . .		N. Y.	N. Y.	" "	17	3	50	61	49	59	28	77
56	Read, Robert D., jr. . . . .		Tenn.	Tenn.	Sept. 1, "	19	6	44	66	52	42	52	192
57	Wayman, Samuel P. . . . .		Ky.	Ky.	July 1, "	21	5	66	47	55	65	26	83
58	Glenn, Edwin F. . . . .		N. C.	N. C.	" "	17	7	54	55	64	31	56	181
59	Mills, Stephen C. . . . .		N. Y.	Ill.	" "	19	2	46	38	65	37	39	86
60	Chase, George N. . . . .		Wis.	Mo.	Sept. 1, "	20	1	48	71	58	60	12	27
61	Eggleston, Millard F. . . . .		Ind.	Ind.	July 1, "	18	4	73	43	72	66	54	199
62	Baldwin, William H. . . . .		Pa.	Pa.	Sept. 1, "	19	6	64	60	45	65	1	0
63	Baxter, John, jr. . . . .		N. J.	N. J.	July 1, "	19	8	62	62	69	53	17	32
64	Creel, Heber M. . . . .		Mo.	Mo.	Sept. 1, "	20	9	67	56	73	67	18	86

(a) Turned back to join First Class, July 1, 1876.  
 (b) Absent (sick) during Annual Examination, June, 1873, and not examined. Joined then Fourth Class July 1, 1873.  
 (c) Suspended from Dec. 11, 1874, till July 1, 1875—G. C. M. O. No. 90, A. G. O., Dec. 5, 1874—and joined then Second Class.

FIRST CLASS—77 MEMBERS—GRADUATED JUNE 14, 1877.

<i>Order of general merit</i>	<i>Names.</i>	<i>State.</i>		<i>Date of Admission.</i>	<i>Age at date of Admission.</i>		<i>Order of merit in</i>					<i>Demerit for the year.</i>
		<i>Born in</i>	<i>Appointed from</i>		<i>Years.</i>	<i>Mos.</i>	<i>Engineering.</i>	<i>Law.</i>			<i>Discipline.</i>	
								<i>Mineral. &amp; Geol.</i>	<i>Ordnance &amp; Guntry.</i>			
65	Jackson, James B. . . . .	Ky.	At Large.	Sept. 1, 1873	21	2	60	72	71	70	3	12
66	Patch, Alexander M. . . . .	Pa.	Pa.	" "	19	0	63	36	68	64	42	71
67	Hunter, George K. . . . .	Ohio.	At Large.	" "	18	5	68	74	66	46	11	69
68	Frederick, Daniel A. . . . .	Ga.	Ga.	July 1, "	18	1	61	69	51	56	27	13
69	Clark, Wallis O. . . . .	Mass.	Mass.	" "	18	11	74	68	76	75	19	98
70	Day, Matthias W. . . . .	Ohio.	Ohio.	" "	19	11	71	57	48	44	49	172
71	Loder, Samuel H. . . . .	N. J.	N. J.	" "	17	5	59	64	60	61	40	101
72	McDonald, David N. . . . .	Tenn.	Tenn.	" "	17	9	70	52	74	76	47	109
73	Maney, James A. . . . .	Tenn.	Tenn.	" "	17	7	72	70	75	71	29	131
74	Hegewald, John F. C. . . . .	Ind.	Ind.	" "	18	2	69	6	63	68	20	46
75	McCrimmon, Ariosto. . . . .	Ga.	Ark.	" "	17	10	76	44	67	73	57	171
76	French, F. Halverson. . . . .	Va.	At Large.	" "	18	5	75	75	53	72	51	161
a	Barnett, John T. . . . .	Ind.	Ind.	" "	21	10						10

(a) Absent (sick) during Annual Examination, June, 1877, and not examined.

## SECOND CLASS—49 MEMBERS.

Order of general merit	Names.	State.		Date of Admission.	Age at date of Admission.		Order of merit in					Demerit for 6 months ending May 31, 1877.
		Born in	Appointed from		Years.	Mos.	Philosophy.	Chemistry.	Tactics.	Drawing.	Discipline.	
*1	Derby, George McC...	At Sea	At Large.	July 1, 1874	17	8	1	1	11	4	2	2
*2	Hobbs, Frank E.....	Me.	Me.	" "	19	2	4	5	2	6	1	0
*3	Lusk, James L.....	Pa.	Pa.	Sept. 1, "	19	6	2	2	3	21	1	0
*4	McNeill, Edwin, jr....	Ga.	Conn.	July 1, "	17	6	3	4	4	15	1	0
*5	Scriven, George P.....	Pa.	Ill.	Sept. 1, "	20	6	7	3	1	12	1	0
6	Pettit, James S.....	Ohio.	Ohio.	July 1, "	17	11	6	7	14	2	11	20
7	Howard, Douglas A....	Ill.	At Large.	Oct. 3, "	17	11	5	8	8	24	1	0
8	Totten, John R.....	Fla.	Neb.	July 1, "	17	7	9	10	5	16	13	27
9	Ives, Edward B.....	D. C.	N. Y.	" "	18	9	13	6	25	1	7	10
10	Wooley, Frederick....	N. C.	N. C.	" "	21	10	8	9	16	37	5	8
11	Evans, William P....	Wis.	Wis.	" "	21	0	15	13	28	14	10	17
12	Howe, Edgar W.....	Mass.	Iowa.	Sept. 1, "	20	7	12	11	26	38	1	0
13	Grierson, Charles H....	Ill.	At Large.	" "	19	1	10	16	7	43	20	57
14	Sparrow, Solomon E....	Mass.	Mass.	" "	19	4	11	19	15	41	6	9
15	Greene, Lewis D.....	N. Y.	N. Y.	July 1 "	18	1	21	17	12	33	1	0
16	Bailey, Albert S.....	Texas.	Texas.	" "	20	0	19	31	19	13	8	13
17	Buck, William L.....	Ala.	Ala.	Sept. 1, "	18	9	16	14	37	34	1	0
18	Glass, John N.....	Tenn.	Tenn.	(a) J'ly 1, '73	19	8	25	12	6	46	2	2
19	Tillson, John C. F....	N. Y.	N. Y.	" 1874	18	1	18	18	30	32	10	17
20	Avery, Frank P. ....	Mich.	Mich.	" "	20	11	20	21	17	19	28	83
21	Winston, Donald.....	Va.	Va.	(b) Sep. 1, '73	18	7	27	15	20	28	1	0
22	Pickering, Abner.....	Ind.	Ind.	July 1, 1874	19	11	17	22	24	42	9	15
23	Schaeffer, Charles M..	Pa.	Ill.	" "	19	1	14	25	29	35	21	59
24	Carrington, Frank de L.	Ga.	Ga.	Sept. 1, "	18	10	26	20	42	11	1	0
25	Landis, J. F. Reynolds	Pa.	At Large.	July 1, "	17	8	24	30	13	45	1	0
26	Starr, Charles G.....	Ill.	Ill.	" "	17	4	28	32	9	26	16	35
27	Merrill, Elijah H.....	N. H.	N. H.	" "	17	6	23	24	33	47	3	4
28	Waltz, Millard F.....	Md.	Md.	" "	17	4	29	38	23	22	1	0
29	Elliott, William J....	Pa.	Pa.	" "	17	8	34	39	22	8	2	2
30	Heistand, Henry S....	Ohio.	Ohio.	Sept. 1, "	18	5	30	41	10	27	9	15
31	Getty, Robert N.....	N. Y.	At Large.	July 1, "	19	5	39	28	18	25	10	17

(a) Turned back to join Second Class, July 1, 1876.

(b) Absent (sick) during Annual Examination, June, 1876, and not examined, Joined Second Class, July 1, 1876.

## SECOND CLASS—49 MEMBERS.

<i>Order of general merit</i>	<i>Names.</i>	<i>State.</i>		<i>Date of Admission.</i>	<i>Age at date of Admission.</i>		<i>Order of merit in</i>					<i>Demerit for 6 months, ending May 31, 1877.</i>
		<i>Born in</i>	<i>Appointed from</i>		<i>Years.</i>	<i>Mos.</i>	<i>Philosophy.</i>	<i>Chemistry.</i>	<i>Tactics</i>	<i>Drawing.</i>	<i>Discipline.</i>	
32	Cox, John L. . . . .	Iowa.	Iowa	July 1, 1874	20	10	32	37	21	36	4	6
33	Robinson, Charles M..	Mo.	Mo.	" "	21	5	36	23	46	9	19	53
34	Richards, James R., jr.	Va.	Va.	" "	19	6	22	36	35	44	25	70
35	Smith, Abiel L. . . . .	Mo.	Mo.	" "	17	1	33	46	32	18	18	52
36	Carrow, Charles M. . . .	Pa.	Pa.	Sept. 1, "	21	5	40	26	34	23	23	66
37	Willcox, E. Farnsworth	Mich.	At Large.	(a) July 1, '73	17	7	35	44	40	5	26	71
38	Phister, Nat P. . . . .	Ky.	Ky.	S'pt. 1, 1874	20	5	37	29	39	30	17	44
39	Wheeler, Fred. . . . .	Wis.	Wis.	July 1, "	17	4	31	40	47	31	12	26
40	Spilman, Baldwin D. . .	Va.	At Large.	" "	20	11	41	35	31	17	22	60
41	Bell, James F. . . . .	Ky.	Ky.	Sept. 1, "	18	7	44	33	38	3	23	66
42	Kendall, Henry F. . . . .	France	Texas.	July 1, "	19	0	45	48	36	7	27	76
43	Burnett, Rogers L. . . .	Pa.	Pa.	" "	17	8	47	47	45	10	5	8
44	Wolf, Silas A. . . . .	Pa.	Pa.	" "	20	6	38	42	44	49	3	94
45	Crawford, George W. . .	Ohio.	Ala.	" "	20	2	43	27	49	48	29	94
46	Taylor, Charles W. . . .	N. Y.	N. Y.	" "	18	1	46	49	41	29	15	32
47	Hock, Ormentiz J. C. . .	Pa.	Wis.	" "	17	7	42	43	48	40	24	69
†	Stevenson, Frank L. . .	Mass.	Mass.	(b) " 1873	19	0	Det	34	27	20	16	35
†	Sutliff, Samuel M. . . . .	La.	Ohio.	" 1874	18	11	Det	45	43	39	14	30

(a) Turned back to join then Fourth Class, July 1, 1874.

(b) Turned back to join then Third Class, July 1, 1875.

THIRD CLASS—77 MEMBERS.

<i>Order of general merit</i>	<i>Names.</i>	<i>State.</i>		<i>Date of Admission.</i>	<i>Age at date of Admission.</i>		<i>Order of merit in</i>					<i>Demerit for 6 months, ending May 31, 1877.</i>										
		<i>Born in</i>	<i>Appointed from</i>		<i>Years.</i>	<i>Mos.</i>	<i>Mathematics.</i>	<i>French.</i>	<i>Spanish.</i>	<i>Drawing.</i>	<i>Discipline.</i>											
*1	Abbot, Frederic V. . . .	Mass.	At Large.	July 1, 1875	17	4	1	3	3	3	1	0										
*2	Casey, Thomas L. . . . .	N. Y.	At Large.	" "	18	4	3	6	10	2	1	0										
*3	Gibson, William W. . . .	Conn.	Conn.	" "	19	0	4	2	2	9	1	0										
*4	Bingham, Theodore A. . .	Conn.	At Large.	Sept. 1, "	17	4	5	4	1	27	1	0										
*5	Fiebeger, Gustav J. . . .	Ohio.	Ohio.	July 1, "	17	2	10	17	14	13	4	8										
6	Alexander, Walter S. . .	Mass.	At Large.	" "	18	6	9	9	6	18	24	44										
7	Harlow, Frank S. . . . .	Vt.	Vt.	" "	18	4	7	5	4	61	2	2										
8	Robertson, Samuel C. . .	Va.	Tenn.	" "	18	6	12	8	9	34	13	25										
9	Gale, George H. G. . . . .	Me.	Mass.	" "	17	2	8	30	24	11	17	32										
10	Jolley, Edwin J. . . . .	Mo.	Mo.	Sept. 1, "	19	7	19	7	5	26	1	0										
11	Runcie, James E. . . . .	Iowa.	Ohio.	" "	17	1	11	10	15	44	15	29										
12	Townsend, Curtis McD	N. Y.	N. Y.	July 1, "	19	3	2	32	20	52	12	22										
13	French, Francis H. . . . .	Ind.	Ind.	" "	17	10	14	15	16	45	15	29										
14	Huse, Guy E. . . . .	N. Y.	At Large.	Sept. 1, "	20	1	16	1	7	55	26	47										
15	Welborn, Luther S. . . . .	Ind.	Ind.	July 1, "	18	8	6	21	29	60	39	75										
16	Beach, William D. . . . .	N. Y.	N. Y.	" "	19	0	15	53	49	4	9	17										
17	Foltz, Frederick S. . . . .	Pa.	At Large.	" "	17	6	29	16	32	12	6	10										
18	Noyes, Charles R. . . . .	Mass.	Mass.	Sept. 1, "	17	4	28	27	21	22	3	6										
19	Finley, Walter L. . . . .	Pa.	Pa.	July 1, "	18	5	21	43	42	16	17	32										
20	Porter, John M. . . . .	Ala.	Ala.	" "	18	6	24	23	13	65	1	0										
21	Shunk, William A. . . . .	Ind.	Ind.	" "	17	6	22	13	22	76	1	0										
22	Brooks, Lorenzo L. C. . .	Iowa.	Iowa.	Sept. 1, "	19	10	23	42	40	32	1	0										
23	Mills, Albert L. . . . .	N. Y.	N. Y.	(a) July 1, '74	20	1	13	35	35	72	8	16										
24	Pendleton, Edwin P. . . .	R. I.	R. I.	" 1875	17	11	30	33	38	15	11	19										
25	Dodds, Frank L. . . . .	Pa.	Ill.	" "	20	7	32	20	23	28	24	44										
26	Greene, Henry A. . . . .	N. Y.	N. Y.	" "	18	11	18	40	31	46	29	53										
27	Parke, John S., jr. . . . .	Tenn.	Tenn.	" "	21	7	41	24	12	1	29	53										
28	Johnston, John A. . . . .	Pa.	Pa.	" "	17	4	25	29	34	43	19	35										
29	Jordan, Allen R. . . . .	S. C.	S. C.	Sept. 1, "	20	5	17	46	53	41	23	41										
30	Mackay, James O. . . . .	N. Scotia.	Nev.	July 1, "	17	6	27	25	26	47	31	55										
31	Jenkins, Micah J. . . . .	S. C.	S. C.	Sept. 1, "	18	2	31	11	19	49	37	68										
32	Hewit, Augustine F. . . .	N. Y.	At Large.	July 1, "	18	8	20	54	47	21	38	72										
33	Gibson, Archie. . . . .	Mo.	Mo.	" "	19	9	35	19	17	62	3	6										

(a) Suspended from Dec. 23, 1874, till July 1, 1875.—G. C. M. O. No. 91, A. G. O., Dec. 18, 1874—and joined then Fourth Class.

## THIRD CLASS—77 MEMBERS.

Order of general merit	Names.	State.		Date of Admission.	Age at date of Admission.		Order of merit in					Demerit for 6 months, ending May 31, 1877.
		Born in	Appointed from		Years.	Mos.	Mathematics.	French.	Spanish.	Drawing.	Discipline.	
34	Cruse, Thomas . . . . .	Ky.	Ky.	Sept. 1, 1875	17	8	48	12	8	36	1	0
35	Smith, Edmund D. . . . .	Conn.	At Large.	July 1, "	17	10	33	51	44	24	6	10
36	Ogle, Alfred McC. . . . .	Ohio.	Ohio.	July 1, "	18	10	40	37	36	25	2	2
37	O'Brien, Alonzo L . . . . .	Va.	W. Va.	" "	19	11	39	22	11	51	27	49
38	Leyden, James A. . . . .	Tenn.	Pa.	" "	19	1	34	48	48	19	22	39
39	Stivers, Charles P. . . . .	La.	Ohio.	" "	17	4	26	63	63	48	1	0
40	Dowdy, Robert W. . . . .	Miss.	Ark.	" "	21	5	36	47	45	38	14	28
41	Brett, Lloyd M. . . . .	Me.	Mass.	" "	19	4	46	26	28	57	10	18
42	Liggett, Hunter. . . . .	Pa.	Pa.	" "	18	4	44	62	46	7	20	36
43	Lewis, Thomas J. . . . .	La.	La.	Sept. 1, "	18	5	47	18	33	66	12	22
44	Jones, Frank B. . . . .	Miss.	Miss.	July 1, "	19	6	45	67	39	20	11	19
45	Truitt, Charles M. . . . .	Ky.	Kan.	" "	18	3	38	56	52	50	28	50
46	Waite, Henry DeH. . . . .	N. Y.	Ohio.	" "	19	8	42	66	71	30	1	0
47	Greene, Robert W. . . . .	La.	La.	(a) Spt. 1, '74	18	2	50	59	60	5	27	49
48	May, Will T. . . . .	Ind.	Ind.	July 1, 1875	17	9	49	44	50	42	18	34
49	Leavell, Benjamin W. . . . .	Ohio.	Ohio.	" "	18	4	57	60	37	23	1	0
50	McClure, Charles. . . . .	Ill.	Ill.	" "	18	9	37	49	57	69	32	59
51	Miner, Christopher C. . . . .	Conn.	Conn.	" "	18	10	51	28	27	70	38	72
52	Irons, James A. . . . .	Pa.	Pa.	" "	18	4	52	71	66	14	7	11
53	Almy, William E. . . . .	D. C.	At Large.	" "	18	7	62	39	58	17	13	25
54	Mallory, John S. . . . .	Va.	Va.	" "	17	8	64	14	18	71	11	19
55	Reynolds, William B. . . . .	Wash. Ter.	At Large.	Sept. 1, "	17	11	59	34	25	67	3	6
56	Lockett, James. . . . .	Ga.	Ga.	July 1, "	19	8	43	58	72	40	32	59
57	Beardslee, Guy R. . . . .	N. Y.	Ala.	" "	18	9	65	31	59	10	25	46
58	Howell, Daniel L. . . . .	Iowa.	Iowa.	" "	21	11	58	50	56	33	14	28
59	Eastman, Frank F. . . . .	Ill.	Ill.	" "	21	4	61	55	51	31	5	9
60	Browne, Edward H. . . . .	Mich.	Mich.	Sept. 1, "	21	5	55	36	30	58	42	89
61	Steele, Charles L. . . . .	Miss.	Tenn.	July 1, "	18	8	56	69	68	8	30	54
62	Saffold, Marion B. . . . .	Ala.	Ala.	" "	18	10	53	45	43	73	35	64
63	Thurston, Walter A. . . . .	Ala.	Ala.	" "	18	5	54	52	55	59	28	50
64	Ducat, Arthur C., jr. . . . .	Ill.	Ill.	" "	18	9	60	57	54	35	33	61
65	Parker, Percy. . . . .	Mass.	La.	" "	18	4	67	72	65	6	16	30
66	Whitehead, Nathaniel J. . . . .	N. J.	N. J.	" "	20	7	63	68	61	53	21	38

a) Absent (sick) during Annual Examination, June, 1876, and not examined. Joined then Third Class, July 1, 1876.

THIRD CLASS—77 MEMBERS.

Order of general merit	Names.	State.		Date of Admission.	Age at date of Admission.		Order of merit in				Demerit for 6 months, ending May 31, 1877.	
		Born in	Appointed from		Years.	Mos.	Mathematics.	French.	Spanish.	Drawing.		Discipline.
							Def					
67	Miller, Samuel W. . . . .	Pa.	Pa.	July 1, 1875	18	5	66	64	62	54	16	30
†	Brooke, Edward H. . . . .	Oregon.	Oregon.	" "	18	9	Def	61	70	74	36	67
†	Campbell, Alexander. . . . .	Me.	Me.	" "	17	3	Def	Def	67	39	18	34
†	Cocheu, Frederick C. . . . .	N. Y.	N. Y.	" "	19	11	Def	Def	Def	63	34	63
†	Durkee, Charles M. . . . .	Conn.	N. Y.	" "	19	11	Def	70	Def	29	11	19
†	Erwin, James B. . . . .	Ga.	Ga.	" "	19	0	Def	38	41	68	4	8
†	French, William E. P. . . . .	N. Y.	N. Y.	" "	20	6	Def	41	64	37	43	92
†	Goode, George W. . . . .	Mo.	At Large.	" "	20	2	Def	65	69	64	40	82
†	Hamill, Samuel R. . . . .	Ind.	Ind.	" "	17	6	Def	Def	Def	75	41	88
†	Lugenbeel, John G. . . . .	Wash. Ter	At Large.	July 1, "	17	4	Def	Def	73	56	30	54
a	Benét, J. Walker . . . . .	Ky.	At Large.	Sept. 1, "	17	11	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	8

(a) Absent (sick) during Annual Examination, June, 1877, and not examined.

## FOURTH CLASS—89 MEMBERS.

Order of general merit	Names.	State.		Date of Admission.	Age at date of Admission.		Order of merit in			Demerit for 6 months, ending May 31, 1877.
		Born in	Appointed from		Years.	Mos.	Mathematics.	French.	Discipline.	
*1	Carter, Oberlin M. . . .	Ohio.	At Large.	June 14, '76	19	11	3	2	1	0
*2	Goethals, George W. . .	N. Y.	N. Y.	" "	17	11	5	7	1	0
*3	Work, Edgar A. . . . .	Me.	Me.	" "	20	9	6	6	14	18
*4	Batchelor, Joseph B., jr.	N. C.	N. C.	" "	17	6	2	1	43	83
*5	Northrup, Hubert O. . .	Mich.	Mich.	" "	20	5	1	4	45	91
6	Burt, Charles S. . . . .	Mich.	Mich.	Sept. 1, "	18	9	9	18	1	0
7	Stuart, Sidney E. . . . .	Pa.	Mass.	June 14, "	19	0	11	13	4	4
8	Peck, Frank H. . . . .	N. Y.	N. Y.	Sept. 1, "	20	6	4	20	30	51
9	Catlin, Edward H. . . .	N. H.	N. H.	" "	17	10	13	11	1	0
10	Rafferty, William C. . .	Ind.	Ill.	June 14, "	17	2	8	3	39	69
11	Chamberlin, John L. . .	N. Y.	N. Y.	Sept. 1, "	18	7	10	24	5	6
12	Hubert, Edgar. . . . .	Ga.	Ga.	June 14, "	19	4	7	16	38	68
13	Avis, Edward S. . . . .	Va.	W. Va.	" "	19	1	17	10	1	0
14	Wilcox, James H. G. . .	Ky.	Ky.	Sept. 1, "	19	7	19	9	7	10
15	Schroeder, Henry A. . .	Wis.	Wis.	(a) J'y 1, '74	17	2	15	5	34	58
16	Aleshire, James B. . . .	Ohio.	Ohio.	June 14, '76	19	7	12	36	13	17
17	Harmon, Millard F. . . .	Pa.	Pa.	Sept. 1, "	20	4	22	14	1	0
18	Dunning, Samuel W. . .	N. Y.	N. Y.	June 14, "	17	1	16	26	17	21
19	Rumbough, David J. . .	Va.	Va.	Sept. 1, "	20	6	18	32	1	0
20	McGrath, Hugh J. . . . .	Wis.	Wis.	June 14, "	20	2	20	23	9	12
21	Orr, William P. . . . .	Del.	Del.	(b) J'y 1, '75	18	3	25	8	25	39
22	Roberts, Harris L. . . .	D. C.	At Large.	June 14, '76	18	1	26	15	10	13
23	Hewitt, Charles E. . . .	N. J.	N. Y.	Sept. 1, "	17	8	14	39	31	55
24	Morgan, George H. . . .	Canada.	Minn.	June 14, "	21	5	24	34	5	6
25	Converse, George L., jr.	Ohio.	Ohio.	(c) Spt. 1, '75	17	9	23	30	35	60
26	Hunter, Charles H. . . .	Pa.	At Large.	June 14, '76	17	5	30	12	29	48
27	Strong, Frederick S. . . .	Mich.	Mich.	" "	20	7	27	42	2	2
28	Bailey, Charles J. . . . .	Pa.	N. Y.	Sept. 1, "	17	2	28	25	32	56
29	Tate, Daniel L. . . . .	Ky.	Ky.	June 14, "	20	2	35	21	10	13
30	Scott, William S. . . . .	Texas.	Texas.	" "	20	5	33	31	8	11

(a) Suspended from March 23, 1875, till July 1, 1876.—G. C. M. O. No. 22, A. G. O., March 16, 1875—and joined then Fourth Class.

(b) Turned back to join Fourth Class, July 1, 1876.

(c) Absent (sick) during Annual Examination, June, 1876, and not examined.—Joined Fourth Class, July 1, 1876.

FOURTH CLASS—89 MEMBERS.

<i>Order of general merit</i>	<i>Names.</i>	<i>State.</i>		<i>Date of Admission.</i>	<i>Age at date of Admission</i>		<i>Order of merit in</i>			<i>Demerit for 6 months, ending May 31, 1877.</i>
		<i>Born in</i>	<i>Appointed from</i>		<i>Years.</i>	<i>Mos.</i>	<i>Mathematics.</i>	<i>French.</i>	<i>Discipline.</i>	
31	Vogdes, Charles B. . . .	Fla.	At Large.	Sept. 4, 1876	20	2	29	43	16	20
32	Holton, Frederick D. . .	Vt.	Vt.	June 14, "	18	1	21	61	28	46
33	Van Deusen, George W. .	Mass.	Mass.	Sept. 1, "	17	6	34	40	1	0
34	Chapman, James R. . . .	Ill.	Ill.	June 14, "	21	6	31	33	27	45
35	Loveridge, Wilbur. . . .	N. Y.	N. Y.	Sept. 1, "	19	10	39	22	19	25
36	Scott, Albert B. . . . .	Texas.	At Large.	June 14, "	17	7	36	41	3	3
37	Dickinson, Walter M. . .	Mass.	Mass.	" "	20	2	32	46	20	26
38	Sands, George H. . . . .	D. C.	At Large.	" "	20	2	45	19	1	0
39	Wever, Benjamin S. . . .	Mich.	N. Y.	" "	18	4	37	38	24	37
40	Moon, Henry B., jr. . . .	N. J.	Mo.	" "	20	3	42	35	20	26
41	Blake, John Y. F. . . . .	Mo.	Ark.	Sept. 1, "	20	11	47	28	5	6
42	Harris, Lewis F., jr. . . .	Cal.	Cal.	June 14, "	19	9	41	48	15	19
43	Cowles, Warren H. . . . .	Pa.	Dakota.	" "	17	4	38	57	22	29
44	Darr, Francis J. A. . . . .	Ohio.	At Large.	" 24 "	17	0	51	17	23	30
45	Hammond, Andrew G. . . .	Conn.	Conn.	" 14 "	19	0	40	70	3	2
46	Stewart Charles. . . . .	Conn.	N. Y.	" "	18	2	44	37	33	57
47	Whittaker, Johnson C. S. C.	S. C.	S. C.	Sept. 1, "	18	0	57	27	1	0
48	Watson, James W. . . . .	Miss.	Miss.	" "	21	11	43	64	34	58
49	Chandler, Elias. . . . .	Ill.	Ill.	June 14, "	19	5	54	53	1	0
50	Jennings, Cortez H. . . . .	Pa.	Pa.	" "	20	7	49	69	4	4
51	Torrey, Zerah W. . . . .	Mass.	Mass.	" "	21	0	56	47	14	18
52	Edgerton, George B. . . . .	Minn.	Minn.	(a) J'ly 1, '75	18	0	55	29	44	84
53	Brandley, George W. . . . .	N. J.	N. J.	June 14, '76	17	10	53	65	6	8
54	Bell, George. . . . .	Md.	At Large.	" "	17	4	58	51	2	2
55	Upton, George W. . . . .	Cal.	At Large.	" "	19	0	48	49	47	97
56	Rogers, James S. . . . .	Pa.	Col.	" "	19	6	46	74	36	66
57	Waters, James H. . . . .	Wis.	Wis.	" "	17	5	52	60	40	73
58	Travis, Pierce M. B. . . .	Ala.	Mo.	Sept. 1, "	21	9	60	59	19	25
59	Kenyon, Lyman W. V. . . .	R. I.	R. I.	June 14, "	17	9	66	44	12	15
60	Culver, Edward. . . . .	N. Y.	N. Y.	" "	17	5	50	66	47	97
61	Leonhaeuser, Harry A. . .	Pa.	Pa.	" "	17	5	63	58	29	48
62	Trippe, Percy E. . . . .	Ga.	Ga.	" "	18	11	64	55	42	80
63	Ruff, John D., . . . . .	N. Mex.	At Large.	" "	17	1	61	63	46	92
64	Sproul, Jo Davis. . . . .	Cal.	Cal.	Sept. 1, "	18	2	68	56	41	76
65	Summers, John E., jr. . . .	Neb.	At Large.	June 14, "	18	5	67	67	36	66

(a) Absent (sick) during Annual Examination, June 1876, and not examined. Joined Fourth Class, July, 1876.

FOURTH CLASS—89 MEMBERS.

Order of general merit	Names.	State.		Date of Admission.	Age at date of Admission.		Order of merit in			Demerit for 6 months, ending May 31, 1877.
		Born in	Appointed from		Years.	Mos.	Mathematics.	French.	Discipline.	
66	Sharpe, Henry G. . . . .	N. Y.	At Large.	June 14, '76	18	1	70	75	17	21
67	Breckinridge, John. . . .	Mo.	At Large.	Sept. 6, "	18	3	62	76	46	92
68	Burnett, George R. . . . .	Pa.	Pa.	June 14, "	18	1	69	71	37	67
†	Ackley, George B. . . . .	Ohio.	Ohio.	Sept. 1, "	18	6	Def	68	33	57
†	Chance, Thomas F. . . . .	Md.	Md.	" "	20	4	Def	73	16	20
†	Ellis, Carleton F. . . . .	N. Y.	N. Y.	June 14, "	20	5	Def	45	26	41
†	Hess, Isaac E. . . . .	Md.	Md.	" "	17	4	Def	64	21	27
†	Lamoreux, Frank B. . . . .	Wis.	Wis.	Sept. 1, "	20	10	Def	Def	11	14
†	Marshall, Paul E. . . . .	N. Y.	N. Y.	June 14, "	17	9	Def	50	18	24
†	Matthews, Edward W. . . .	Ark.	Ark.	Sept. 1, "	19	2	Def	72	18	24
†	McGrew, Charles H. . . . .	Iowa.	Iowa.	" "	20	5	Def	Def	7	10
†	Sanborn, Arthur F. . . . .	N. H.	N. H.	June 14, "	19	11	65	Def	1	0
†	Stump, Bertram N. . . . .	Pa.	Md.	" "	18	0	Def	52	10	13
†	Sullivan, Terence C. . . . .	Pa.	Pa.	Sept. 1, "	21	6	Def	62	48	99
†	West, Parker W. . . . .	Cal.	La.	June 14, "	17	9	59	Def	1	0
a	Callaghan, John. . . . .	Pa.	Pa.	" "	21	7	...	...	...	...
b	Cochran, James A. . . . .	Ky.	Ky.	" "	17	8	...	...	...	50
a	Dickman, Joseph T. . . . .	Ohio.	Ohio.	" "	18	8	...	...	...	74
a	Gardner, John H. . . . .	Ill.	Ill.	" "	21	3	...	...	...	...
c	Leeds, William H. . . . .	Pa.	Pa.	" "	19	10	...	...	...	10
d	McDonald, John B. . . . .	Ala.	Ala.	" "	17	5	...	...	...	56
b	Rutherford, John P. . . . .	Pa.	Pa.	" "	18	2	...	...	...	18
e	Todd, James, jr. . . . .	Pa.	Pa.	" "	20	1	...	...	...	...

- (a) Not examined. Suspended M. A. O. No. 21, War Department, October, 30, 1876.
- (b) Not Examined. Suspended M. A. O. No. 25, War Department Dec. 27, 1876.
- (c) Not examined. Suspended M. A. O. No. 2, War Department. January 8, 1877.
- (d) Not examined, suspended. Dismissed March 2, 1877. G. C. M. O. No. 26. A. G. O., February 26, 1877—Revoked June 8, 1877, S. O. No. 123, A. G. O., June 8, 1877.
- (e) Not examined. Suspended G. C. M. O. No. 134, A. G. O., September 4, 1876.

## CADETS ADMITTED IN 1876.

Number.	Names.	State.		Date of Admission.	Age at date of Admission.	
		Born in	Appointed from		Years.	Mos.
1	Ackley, George Benjamin.....	Ohio.	Ohio.	..Sept. 1..	18	6
2	Aleshire, James Buchanan ....	Ohio.	Ohio.	..June 14..	19	7
3	Avis, Edward Spaw.....	Va.	W. Va.	..June 14..	19	1
4	Bailey, Charles Justin.....	Pa.	N. Y.	..Sept. 1..	17	2
5	Batchelor, Joseph Branch, jr. . .	N. C.	N. C.	..June 14..	17	6
6	Bell, George.....	Md.	At Large	..June 14..	17	4
7	Blake, John Y. Fillmore. . . . .	Mo.	Ark.	..Sept. 1.	20	11
8	Brandley, George Washington..	N. J.	N. J.	..June 14..	17	10
9	Breckinridge, John.....	Mo.	At Large	..Sept. 6.	18	3
10	Brent, Andrew Mason.....	Va.	Va.	..June 14..	19	8
11	Burnett, George Ritter.....	Pa.	Pa.	..June 14..	18	1
12	Burt, Charles Sumner.....	Mich.	Mich.	..Sept. 1..	18	9
13	Byers, James Joseph.....	Ky.	Ga.	..June 14..	18	4
14	Cairns, Stephen Alexander ....	Pa.	Pa.	..Sept. 1..	19	4
15	Call, Asa Frank.....	Iowa.	Iowa.	..June 14.	20	0
16	Callaghan, John.....	Pa.	Pa.	..June 14..	21	7
17	Carter, Oberlin Matthies.....	Ohio.	At Large	..June 14.	19	11
18	Catlin, Edward Harwood.....	N. H.	N. H.	..Sept. 1..	17	10
19	Chamberlin, John Loomis.....	N. Y.	N. Y.	..Sept. 1..	18	7
20	Chance, Thomas Franklin.....	Md.	Md.	..Sept. 1..	20	4
21	Chandler, Elias.....	Ill.	Ill.	..June 14..	19	5
22	Chapman, James Rolla. . . . .	Ill.	Ill.	..June 14..	21	6
23	Cochran, James Addison.....	Ky.	Ky.	..June 14..	17	8
24	Cowles, Warren Hayden.....	Pa.	Dakota.	..June 14..	17	4
25	Culver, Edward.....	N. Y.	N. Y.	..June 14..	17	5
26	Darr, Francis Joseph Andrew..	Ohio.	At Large	..June 24..	17	0
27	Davis, Harry Clark. . . . .	N. Y.	N. Y.	..Sept. 1..	18	7
28	Dickinson, Walter Mason.....	Mass.	Mass.	..June 14..	20	2
29	Dickman, Joseph Theodore....	Ohio.	Ohio.	..June 14..	18	8
30	Dunning, Samuel Wadsworth..	N. Y.	N. Y.	..June 14..	17	1
31	Ellis, Carleton Franklin.....	N. Y.	N. Y.	..June 14..	20	5
32	Ewing, Charles Beverly.....	Mo.	Mo.	..June 14..	18	11
33	Gardner, John Harry.....	Ill.	Ill.	..June 14..	21	3
34	Garvin, Thomas Edgar, jr. . . .	Ind.	Ind.	..June 14..	19	4
35	Goethals, George Washington..	N. Y.	N. Y.	..June 14..	17	11

## CADETS ADMITTED IN 1876.

Number.	Names.	State.		Date of Admission.	Age at date of Admission.	
		Born in	Appointed from		Years.	Mos.
36	Hammond, Andrew Goodrich..	Conn.	Conn.	June 14..	19	0
37	Hankinson, Charles Walter.....	Pa.	Pa.	..Sept. 1..	19	4
38	Harmon, Millard Fillmore.....	Pa.	Pa.	..Sept. 1..	20	4
39	Harris, Lewis Birdsall, jr.....	Cal.	Cal.	..June 14..	19	9
40	Hayes, Joseph Patrick.....	N. Y.	N. Y.	..June 14..	19	0
41	Hess, Isaac Emanuel.....	Md.	Md.	..June 14..	17	4
42	Hewitt, Charles Edward.....	N. J.	N. Y.	..Sept. 1..	17	8
43	Holton, Frederick Duane.....	Vt.	Vt.	..June 14..	18	1
44	Hubert, Edgar.....	Ga.	Ga.	..June 14..	19	4
45	Hunter, Charles Hodge.....	Pa.	At Large	..June 14..	17	5
46	Jennings, Cortez Hicks.....	Pa.	Pa.	..June 14..	20	7
47	Kennon, Lyman Walter Vere..	R. I.	R. I.	..June 14..	17	9
48	Lamoreux, Frank Benjamin....	Wis.	Wis.	..Sept. 1..	20	10
49	Leeds, William Henry.....	Pa.	Pa.	..June 14..	19	10
50	Leonhaeuser, Harry Alexander.	Pa.	Pa.	..June 14..	17	5
51	Loveridge, Wilbur.....	N. Y.	N. Y.	..Sept. 1..	19	10
52	Marshall, Paul Earnest.....	N. Y.	N. Y.	..June 14..	17	9
53	Martin, Arthur Lee.....	Ill.	Ill.	..June 14..	18	11
54	Matthews, Edward Wright....	Ark.	Ark.	..Sept. 1..	19	2
55	McDonald, John Bacon.....	Ala.	Ala.	..June 14..	17	5
56	McGrath, Hugh Joslyn.....	Wis.	Wis.	..June 14..	20	2
57	McGrew, Charles Henry.....	Iowa.	Iowa.	..Sept. 1..	20	5
58	Moon, Henry Buckman, jr.....	N. J.	Mo.	..June 14..	20	3
59	Morgan, George Horace.....	Canada.	Minn.	..June 14..	21	5
60	Northrup, Hubert Orlando....	Mich.	Mich.	..June 14..	20	5
61	Peck, Frank Harrison.....	N. Y.	N. Y.	..Sept. 1..	20	6
62	Perrin, Robert William.....	S. C.	La.	..June 14..	17	6
63	Rafferty, William Carroll.....	Ind.	Ill.	..June 14..	17	2
64	Ray, John Burt.....	Ohio.	At Large	..June 14..	17	8
65	Roberts, Harris Lee.....	D. C.	At Large	..June 14..	18	1
66	Rogers, James Seymour.....	Pa.	Col.	..June 14..	19	6
67	Rose, Joshua.....	N. J.	N. J.	..June 14..	17	8
68	Ruff, John Dougherty.....	N. Mex.	At Large	..June 14..	17	1
69	Rumbough, David Jacob.....	Va.	Va.	..Sept. 1..	20	6
70	Rutherford, John Parke.....	Pa.	Pa.	..June 14..	18	2

## CADETS ADMITTED IN 1876.

Number.	Names.	State.		Date of Admission.	Age at date of Admission.	
		Born in	Appointed from		Years.	Mos.
71	Sanborn, Arthur Fremont. . . . .	N. H.	N. H.	.. June 14. .	19	11
72	Sands, George Henry . . . . .	D. C.	At Large	.. June 14. .	20	2
73	Scott, Albert Blackstone. . . . .	Texas.	At Large	.. June 14. .	17	7
74	Scott, William Sherley. . . . .	Texas.	Texas.	.. June 14. .	20	5
75	Sharpe, Henry Granville. . . . .	N. Y.	At Large	.. June 14. .	18	1
76	Sproul, Jo Davis. . . . .	Cal.	Cal.	.. Sept. 1. .	18	2
77	Stewart Charles. . . . .	Conn.	N. Y.	.. June 14. .	18	2
78	Strong, Frederick Smith. . . . .	Mich.	Mich.	.. June 14. .	20	7
79	Stuart, Sidney Edwin. . . . .	Pa.	Mass.	.. June 14. .	19	0
80	Stump, Bertram North. . . . .	Pa.	Md.	.. June 14. .	18	0
81	Sullivan, Terence Conway. . . . .	Pa.	Pa.	.. Sept. 1. .	21	6
82	Summers, John Edward, jr. . . . .	Neb.	At Large	.. June 14. .	18	5
83	Tate, Daniel Lisle. . . . .	Ky.	Ky.	.. June 14. .	20	2
84	Thomas, Lyne Starling. . . . .	Va.	Va.	.. June 14. .	17	5
85	Todd, James, jr. . . . .	Pa.	Pa.	.. June 14. .	20	1
86	Torrey, Zerah Watkins. . . . .	Mass.	Mass.	.. June 14. .	21	0
87	Travis, Pierce Mason Butler. . . . .	Ala.	Mo.	.. Sept. 1. .	21	9
88	Trippe, Percy Edwards. . . . .	Ga.	Ga.	.. June 14. .	18	11
89	Upton, George Whitman. . . . .	Cal.	At Large	.. June 14. .	19	0
90	Van Deusen, George William. . . . .	Mass.	Mass.	.. Sept. 1. .	17	6
91	Vogdes, Charles Berard. . . . .	Fla.	At Large	.. Sept. 4. .	20	2
92	Waters, James Henry. . . . .	Wis.	Wis.	.. June 14. .	17	5
93	Watson, James Waterman. . . . .	Miss.	Miss.	.. Sept. 1. .	21	11
94	West, Parker Whitney. . . . .	Cal.	La.	.. June 14. .	17	9
95	Wever, Benjamin Samuel. . . . .	Mich.	N. Y.	.. June 14. .	18	4
96	Whittaker, Johnson Chesnut. . . . .	S. C.	S. C.	.. Sept. 1. .	18	0
97	Wilcox, James Hendricks Gains	Ky.	Ky.	.. Sept. 1. .	19	7
98	Work, Edgar Alexander. . . . .	Me.	Me.	.. June 14. .	20	9



GENERAL MERIT ROLL

OF THE

GRADUATING CLASS

OF

1877.

GENERAL MERIT ROLL OF THE GRADUATING CLASS OF 1877.

Number.	Names.	MERIT IN											General Merit.	
		Mathematics.	French.	Spanish.	Natl & Exptl Philosophy.	Chemistry.	Tactics.	Drawing.	Civil & Military Engineering	Law.	Ordnance and Gunnery.	Minerology and Geology.		Discipline.
Maximum in each branch..		300.0	100.0	75.0	300.0	150.0	100.0	100.0	300 0	150.0	100.0	75.0	200.0	1950.0
1	Black, William M.....	300.0	97.5	73.7	300.0	147.3	100.0	85.7	300.0	144.6	100.0	74.3	200.0	1923.1
2	Fisk, Walter L.....	289.6	98.3	74.3	289.4	148.6	98.2	76.8	289.3	143.3	98.2	75.0	200.0	1881.0
3	Roessler, Solomon W.....	287.0	86.6	65.7	297.3	146.0	95.6	75.1	291.9	148.6	99.1	73.6	200.0	1866.5
4	Patterson, Thomas C.....	281.8	89.1	68.8	273.6	144.7	99.1	81.3	286.6	147.3	97.3	71.6	200.0	1841.2
5	Todd, Albert.....	284.4	99.1	71.9	276.3	150.0	96.4	60.0	281.3	150.0	96.4	73.0	200.0	1838.8
6	Gordon, William B.....	297.4	88.3	63.3	294.7	136.8	90.3	52.0	297.3	146.0	93.7	63.0	200.0	1822.8
7	Springett, Howard A.....	292.2	72.5	62.0	292.1	140.8	85.0	61.7	294.6	134.0	94.6	69.6	186.3	1785.4
8	Galbraith, William W.....	276.6	73.3	52.1	265.7	143.4	87.7	90.2	267.9	139.3	86.6	72.3	200.0	1755.1
9	Massey, Solon F.....	261.0	83.3	73.1	268.4	139.4	91.2	74.2	275.9	130.0	91.9	70.3	195.0	1753.7
10	Haden, John J.....	294.8	95.0	66.3	281.5	142.1	67.5	53.7	262.6	124.6	79.5	69.0	200.0	1736.6
11	Woodward, Charles G.....	227.2	92.5	69.4	236.8	134.2	89.4	92.0	273.3	142.0	95.5	63.3	200.0	1720.6
12	Slaker, Adam.....	250.6	82.5	70.7	263.1	131.5	83.3	88.4	259.9	135.3	81.3	67.0	200.0	1713.6
13	White, John V.....	274.0	80.8	70.1	271.0	125.0	77.1	57.3	265.3	138.0	89.3	63.6	200.0	1711.5
14	Marsh, Frederick.....	266.2	85.0	63.9	286.8	138.1	78.9	43.1	270.6	131.3	78.6	71.0	186.1	1699.6
15	Price, David, jr.....	248.0	47.5	43.5	278.9	122.3	93.8	86.6	283.9	132.6	83.9	59.0	200.0	1680.0
16	Blair, Francis P.....	258.4	91.6	71.3	284.2	121.0	71.9	84.0	254.6	108.6	82.2	64.3	180.6	1672.7
17	Shofner, James C.....	279.2	71.6	57.1	255.2	130.2	86.8	56.4	214.6	115.3	88.4	61.6	200.0	1616.4
18	Foster, Fred W.....	245.4	75.8	46.0	223.6	135.5	81.5	75.9	257.3	119.3	90.2	65.6	175.4	1591.5
19	Parker, Theophilus.....	232.4	78.3	60.2	247.3	98.6	97.3	40.4	243.9	140.6	85.7	53.6	189.3	1567.6
20	Plummer, Edward H.....	253.2	76.6	58.3	213.1	128.9	80.7	96.4	201.3	104.6	75.9	59.6	200.0	1548.6
21	Martin, Medad C.....	235.0	46.6	45.4	228.9	113.1	94.7	83.1	227.9	127.3	91.1	54.3	199.0	1546.4
22	Blocksom, Augustus P.....	255.8	90.8	72.5	244.7	107.9	64.0	66.2	233.3	123.3	77.7	55.6	149.0	1540.8
23	Gatewood, Charles B.....	242.8	74.1	58.9	242.1	85.5	85.9	79.5	225.3	111.3	71.5	57.6	188.3	1522.8
24	Galbraith, Jacob G.....	222.0	93.3	68.2	249.9	114.4	35.9	78.6	251.9	128.6	87.5	61.0	123.1	1514.4
25	Murray, Cunliffe H.....	229.8	54.1	38.0	215.7	133.9	61.4	67.1	246.6	110.0	84.8	65.0	200.0	1506.4
26	Wilson, Richard H.....	203.8	94.1	67.6	207.8	126.3	44.7	89.3	230.6	122.0	92.8	66.3	151.8	1497.1
27	Esterly, Calvin.....	240.2	70.0	50.9	205.2	106.5	75.4	92.8	235.9	99.3	67.1	56.3	192.6	1492.2
28	Chynoweth, Edward.....	268.8	87.5	67.0	257.8	127.6	74.5	69.7	211.9	64.6	74.2	42.3	144.7	1490.6
29	Patten, Francis J.....	206.4	90.0	64.5	239.4	109.2	49.1	97.3	278.6	67.3	69.7	50.3	141.9	1463.7
30	Philbrick, John H.....	271.4	100.0	75.0	234.2	101.3	57.0	37.7	222.6	91.3	73.6	47.6	151.4	1460.1
31	Goldman, Henry J.....	185.7	45.8	36.7	231.5	123.6	56.1	71.5	249.3	107.3	76.8	67.6	193.2	1445.1
32	Wilder, Wilber E.....	263.6	40.0	34.3	252.6	100.0	70.1	70.6	203.9	102.0	65.3	49.0	145.8	1397.2

33	Thorington, Monroe P.....	190.9	53.3	35.5	189.4	93.4	72.8	98.2	219.9	114.0	72.4	52.3	200.0	1392.1
34	Paddock, James V. S.....	224.6	50.0	44.8	218.4	115.8	50.8	82.2	238.6	96.6	60.8	55.0	130.8	1368.4
35	Hoppin, Curtis B.....	209.0	55.0	37.4	221.0	96.0	64.9	55.5	241.3	84.6	66.2	53.0	173.1	1357.0
36	Mann, James D.....	170.1	59.1	32.4	163.1	111.8	92.9	67.9	195.9	112.6	64.4	60.3	200.0	1330.5
37	Stevens, Robert R.....	172.7	75.0	56.5	226.3	102.6	84.2	46.6	206.6	126.0	57.3	51.6	111.2	1316.6
38	Kirby, Henry.....	216.8	57.5	49.1	210.5	88.1	63.1	50.2	209.3	83.3	49.3	44.3	161.8	1283.3
39	Barry, Thomas H.....	175.3	79.1	51.5	173.6	86.8	58.7	77.7	187.9	90.0	68.8	38.3	189.2	1276.9
40	Guilfoyle, John F.....	153.5	58.2	42.2	142.5	76.9	94.8	58.9	198.6	136.6	83.1	62.3	163.4	1271.0
41	Brown, William C.....	159.7	43.3	38.6	128.9	119.7	92.1	73.3	193.3	98.0	58.2	49.6	200.0	1254.7
42	Wood, William T.....	167.5	62.5	42.9	192.1	76.3	68.4	94.6	177.3	116.6	80.4	47.0	127.2	1252.8
43	Safford, Robert E.....	133.7	68.3	54.6	139.4	105.2	62.2	84.8	190.6	118.0	75.1	58.3	149.7	1239.9
44	Crane, Charles J.....	183.1	84.1	57.7	186.8	73.6	39.4	62.6	182.6	87.3	56.4	45.0	172.8	1231.4
45	Hammond, Harry T.....	237.6	70.8	53.4	197.3	75.0	88.5	42.2	161.3	80.6	51.9	36.3	134.6	1229.5
46	Bigelow, John, jr.....	214.2	95.8	62.6	194.7	81.5	42.9	87.5	153.3	54.0	39.5	37.6	147.3	1210.9
47	Augur, Ammon A.....	162.3	44.1	25.6	181.5	92.1	52.6	34.2	217.3	120.6	52.8	57.3	148.3	1188.4
48	Baxter, George W.....	193.5	60.8	39.2	199.9	80.2	54.3	65.3	147.9	79.3	54.6	34.3	144.8	1154.1
49	Bradley, Charles A.....	120.7	42.5	31.8	149.9	94.7	51.7	100.0	163.9	86.0	59.1	46.3	200.0	1146.6
50	Flipper, Henry O.....	180.5	58.3	52.8	131.5	59.2	65.7	54.6	166.6	106.0	50.2	29.0	181.7	1136.1
51	Brereton, John J.....	188.3	96.6	61.4	157.8	84.2	71.0	64.4	129.3	74.0	55.5	35.0	102.1	1119.6
52	Brown, Oscar J.....	128.5	67.2	50.8	165.7	97.3	79.8	47.5	150.6	95.3	62.6	48.3	125.5	1119.1
53	Emmet, Robert T.....	196.1	40.8	30.6	184.2	110.5	36.8	99.1	171.9	62.0	35.1	51.0	94.2	1112.3
54	Butler, Ben I.....	131.1	77.5	55.8	160.5	82.9	47.3	52.8	155.9	72.6	45.7	39.6	188.1	1109.8
55	McMartin, John.....	144.1	51.6	44.2	152.6	103.9	53.5	63.5	169.3	70.0	48.4	43.0	158.2	1102.3
56	Read, Robert D., jr.....	201.2	67.5	59.6	142.1	64.4	43.8	58.2	185.3	63.3	63.5	41.0	106.1	1096.0
57	Wayman, Samuel P.....	211.6	45.0	28.1	178.9	90.8	34.2	44.8	126.6	88.6	43.1	39.0	160.7	1091.4
58	Glenn, Edwin F.....	128.5	65.8	54.0	171.0	63.1	82.4	72.4	158.6	78.0	73.3	33.0	92.9	1073.0
59	Mills, Stephen C.....	118.1	36.6	34.9	168.4	69.7	76.3	39.5	179.9	100.6	67.9	32.3	143.1	1067.3
60	Chase, George N.....	110.3	33.3	26.9	176.3	68.4	40.3	93.7	174.6	56.6	47.5	37.0	186.8	1051.7
61	Eggleston, Millard F.....	198.7	66.6	49.7	202.6	65.8	57.8	41.3	107.9	94.0	42.2	27.6	95.8	1050.0
62	Baldwin, William H.....	123.3	48.3	36.1	123.6	117.1	49.9	49.3	131.9	71.3	44.8	45.6	200.0	1041.2
63	Baxter, John, jr.....	151.9	56.6	42.3	155.2	57.9	46.4	45.7	137.3	68.6	53.7	29.6	180.4	1025.6
64	Creel, Heber M.....	136.3	64.1	40.5	105.2	61.8	60.5	91.1	123.9	76.6	41.3	27.0	178.6	1006.9
65	Jackson, James B.....	141.8	55.8	41.7	147.3	56.5	55.2	44.0	142.6	55.3	38.6	28.3	195.1	1002.2
66	Patch, Alexander M.....	149.3	80.0	48.4	118.4	52.6	37.7	51.1	134.6	103.3	43.9	30.3	140.5	990.1
67	Hunter, George K.....	112.9	65.0	46.6	115.7	67.1	66.6	59.1	121.3	52.6	59.9	31.6	187.0	985.4
68	Frederick, Daniel A.....	102.5	37.5	28.7	144.7	78.9	78.0	60.8	139.9	59.3	51.1	41.6	159.3	982.3
69	Clark, Wallis O.....	164.9	61.6	47.8	134.2	60.5	42.1	68.8	105.3	60.6	34.2	25.0	177.1	982.1
70	Day, Matthias W.....	146.7	39.1	31.2	110.5	89.4	35.0	80.4	113.3	75.3	61.7	43.6	116.8	943.0
71	Loder, Samuel H.....	115.5	63.3	47.2	126.3	71.0	45.6	36.8	145.3	66.0	46.6	35.6	142.2	941.4
72	McDonald, David N.....	154.5	81.6	55.2	121.0	72.3	38.5	33.3	115.9	82.0	33.3	26.3	124.2	938.1
73	Maney, James A.....	157.1	49.1	41.1	113.1	51.3	59.6	38.6	110.6	58.0	37.7	25.6	155.7	897.5
74	Hegewald, John F. C.....	107.7	38.3	29.3	102.6	53.9	48.2	95.5	118.6	50.0	40.4	33.6	176.8	894.9
75	McCrimmon, Ariosto.....	125.9	50.8	33.7	100.0	50.0	33.3	35.1	100.0	92.6	35.9	31.0	87.9	776.2
76	French, F. Halverson.....	105.1	34.1	25.0	107.8	55.2	41.2	36.0	102.6	51.3	36.8	40.3	109.2	744.6
a	Barnett, John T.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

(a) Not examined, absent sick.

*LIST OF DISTINGUISHED CADETS REPORTED AT THE  
ANNUAL EXAMINATION, 1877.*

Number.	Names.	State.		Science and Art in which each Cadet particularly excels.
		Born in	App'ted from	
FIRST CLASS.				
1	Black, William M. ....	Pa.	Pa.	Civil and Military Engineering and Science of War, Law, Mineralogy and Geology, Ordnance and Gunnery, Natural and Experimental Philosophy, Chemical Physics and Chemistry, Tactics, Mathematics, French and Spanish.
2	Fisk, Walter L. ....	Ill.	Iowa.	Civil and Military Engineering and Science of War, Law, Mineralogy and Geology, Ordnance and Gunnery, Natural and Experimental Philosophy, Chemical Physics and Chemistry, Tactics, Mathematics French and Spanish.
3	Roessler, Solomon W. ....	Ill.	Ill.	Civil and Military Engineering and Science of War, Law, Mineralogy and Geology, Ordnance and Gunnery, Natural and Experimental Philosophy, Chemical Physics and Chemistry, Tactics and Mathematics.
4	Patterson, Thomas C. ....	Pa.	Ohio.	Civil and Military Engineering and Science of War, Law, Mineralogy and Geology, Ordnance and Gunnery, Chemical Physics and Chemistry, Tactics and Mathematics.
5	Todd, Albert .....	R. I.	Kansas.	Civil and Military Engineering and Science of War, Law, Mineralogy and Geology, Ordnance and Gunnery, Chemical Physics and Chemistry, Tactics, Mathematics French and Spanish.

*LIST OF DISTINGUISHED CADETS REPORTED AT THE  
ANNUAL EXAMINATION, 1877.*

Number.	Names.	State.		Science and Art in which each Cadet particularly excels.
		Born in	App'ted from	
SECOND CLASS.				
1	Derby, George McC.....	At Sea.	At Large.	Natural and Experimental Philosophy, Chemical Physics and Chemistry, and Drawing.
2	Hobbs, Frank E.....	Me.	Me.	Natural and Experimental Philosophy, Chemical Physics and Chemistry, Tactics and Drawing.
3	Lusk, James L.....	Pa.	Pa.	Natural and Experimental Philosophy, Chemical Physics and Chemistry, and Tactics.
4	McNeill, Edwin, jr.....	Ga.	Conn.	Natural and Experimental Philosophy, Chemical Physics and Chemistry, and Tactics.
5	Scriven, George P.....	Pa.	Ill.	Natural and Experimental Philosophy, Chemical Physics and Chemistry, and Tactics.
THIRD CLASS.				
1	Abbot, Frederic V.....	Mass.	At Large.	Mathematics, French, Spanish and Drawing.
2	Casey, Thomas L.....	N. Y.	At Large.	Mathematics, French and Drawing.
3	Gibson, William W.....	Conn.	Conn.	Mathematics, French, Spanish and Drawing.
4	Bingham, Theodore A ...	Conn.	At Large.	Mathematics, French and Spanish.
5	Fiebeger, Gustav J.....	Ohio.	Ohio.	Mathematics.
FOURTH CLASS.				
1	Carter, Oberlin M.....	Ohio.	At Large.	Mathematics and French.
2	Goethals, George W.....	N. Y.	N. Y.	Mathematics and French.
3	Work, Edgar A.....	Me.	Me.	Mathematics and French.
4	Batchelor, Joseph B, jr ..	N. C.	N. C.	Mathematics and French.
5	Northrup, Hubert O.....	Mich.	Mich.	Mathematics and French.

## CASUALTIES.

## Resigned (12).

Caswell, William M.....	2d Class.....	January 26, 1877.
Crofoot, Louis W.....	2d Class.....	November 15, 1876.
Benham, Henry H.....	4th Class.....	August 17, 1876.
Brent, Andrew M.....	4th Class.....	November 15, 1876.
Cairns, Stephen A.....	4th Class.....	January 5, 1877.
Call, Asa F.....	4th Class.....	October 12, 1876.
Garvin, Thomas E, jr.....	4th Class.....	January 2, 1877.
Hankinson, Charles W.....	4th Class.....	December 29, 1876.
Hayes, Joseph P.....	4th Class.....	November 15, 1876.
Hurlbut, Edwin W.....	4th Class.....	January 26, 1877.
Martin, Arthur L.....	4th Class.....	January 15, 1877.
Ray, John B.....	4th Class.....	January 11, 1877.

## Discharged (29).

Stevenson, Frank L.....	2d Class.....	June 26, 1877.
Sutliff, Samuel M.....	2d Class.....	June 26, 1877.
Bailey, Theodore P.....	3d Class.....	January 22, 1877.
Brooke, Edward H.....	3d Class.....	June 26, 1877.
Campbell, Alexander.....	3d Class.....	June 26, 1877.
Cocheu, Frederick C.....	3d Class.....	June 26, 1877.
Durkee, Charles M.....	3d Class.....	June 26, 1877.
Foard, Robert A.....	3d Class.....	January 22, 1877.
French, William E. P.....	3d Class.....	June 26, 1877.
Goode, George W.....	3d Class.....	June 26, 1877.
Hamill, Samuel R.....	3d Class.....	June 26, 1877.
Loring, Frederick L.....	3d Class.....	January 22, 1877.
Lugenbeel, John G.....	3d Class.....	June 26, 1877.
Ackley, George B.....	4th Class.....	June 26, 1877.
Byers, James J.....	4th Class.....	January 13, 1877.
Chance, Thomas F.....	4th Class.....	June 26, 1877.
Davis, Harry C.....	4th Class.....	January 18, 1877.
Ellis, Carleton F.....	4th Class.....	June 26, 1877.
Hess, Isaac E.....	4th Class.....	June 26, 1877.
Lamoreux, Frank B.....	4th Class.....	June 26, 1877.
Marshall, Paul E.....	4th Class.....	June 26, 1877.

Matthews, Edward W.....	4th Class.....	June 26, 1877.
McGrew, Charles H.....	4th Class.....	June 26, 1877.
Perrin, Robert W.....	4th Class.....	January 13, 1877.
Rose, Joshua.....	4th Class.....	January 29, 1877.
Sanborn, Arthur F.....	4th Class.....	June 26, 1877.
Stump, Bertram N.....	4th Class.....	June 26, 1877.
Sullivan, Terence C.....	4th Class.....	June 26, 1877.
Thomas, Lyne S.....	4th Class.....	January 13, 1877.

### Dismissed (2).

Ewing, Charles B.....	4th Class.....	October 31, 1876.
*McDonald, John B.....	4th Class.....	March 2, 1877.

\*Revoked, June 8, 1877.

## BATTALION ORGANIZATION.

For instruction in Infantry Tactics and in military police and discipline, the Cadets are organized into a battalion of four companies, under the Commandant of Cadets, each company being commanded by an officer of the Army. The officers and non-commissioned officers are selected from those Cadets who have been most studious, soldier-like in the performance of their duties, and most exemplary in their general deportment. In general, the officers are taken from the first class: the sergeants from first and second classes; and the corporals from the second and third classes.

### CAPTAINS.

W. L. FISK,            M. P. THORINGTON,            H. A. SPRINGETT,            W. B. GORDON.

### LIEUTENANTS.

W. M. BLACK, <i>Adjutant.</i>		J. J. HADEN, <i>Quartermaster.</i>
J. BIGELOW, jr.,	G. W. BAXTER,	C. A. BEADLEY,
H. M. CREEL,	D. PRICE, jr.,	W. W. GALBRAITH,
T. PARKER,	A. TODD,	S. W. ROESSLER,
C. B. HOPPIN,	O. J. BROWN,	M. C. MARTIN.

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J. N. GLASS, *Sergeant-Major.*            T. C. PATTERSON, *Quartermaster-Sergeant.*

### 1st SERGEANTS.

J. D. MANN,            C. M. ROBINSON,            F. MARSH,            D. A. FREDERICK.

### SERGEANTS.

J. C. SHOFNER,	F. L. STEVENSON,	G. P. SCRIVEN,
E. H. PLUMMER,	E. MCNEILL, jr.,	J. L. LUSK,
J. V. WHITE,	A. S. BAILEY,	G. MCC. DERBY,
A. SLAKER,	W. L. BUCK,	J. S. PETTIT.

### CORPORALS.

W. P. EVANS,	F. E. HOBBS,	D. WINSTON,	F. V. ABBOT.
D. A. HOWARD,	A. L. SMITH,	C. M. SCHAEFFER,	W. W. GIBSON,
L. D. GREENE,	M. F. WALTZ,	S. E. SPARROW,	T. L. CASEY,
J. R. TOTTEN,	H. S. HEISTAND,	E. B. IVES,	T. A. BINGHAM.
J. F. BELL,	E. H. MERRILL,	W. S. ALEXANDER.	

## Course of Study and Books used at the Military Academy.

[Books marked thus \* are for Reference.]

### FIRST YEAR.—FOURTH CLASS.

DEPARTMENT.	TEXT BOOKS AND BOOKS OF REFERENCE.
Mathematics.	Davies' Elements of Algebra. Davies' Legendre's Geometry and Trigonometry. Church's Descriptive Geometry.
French Language.	Böcher's Otto's French Grammar. Reynal's Verb Book. Böcher's College Series of French Plays. Böcher's French Reader. Agnel's Tabular System. *Spiers' and Surene's Dictionary.
Tactics of Artillery and Infantry.	Practical Instruction in the Schools of the Soldier, Company and Battalion. Practical Instruction in Artillery.
Use of Small Arms.	Instruction in Fencing and Bayonet Exercise.

### SECOND YEAR.—THIRD CLASS.

DEPARTMENT.	TEXT BOOKS AND BOOKS OF REFERENCE.
Mathematics.	Church's Descriptive Geometry, with its application to Spherical Projections. Church's Shades, Shadows and Perspective. Davies' Surveying. Church's Analytical Geometry. Church's Calculus.
French Language.	Borel's Grammaire Française. Reynal's Verb Book. Agnel's Tabular System. Rowan's Morceaux Choisis des Auteurs Modernes. *Spiers' and Surene's Dictionary.
Spanish.	Vingot's Guide to Spanish and English. Morale's Progressive Reader. Ollendorff's Oral Method applied to the Spanish, by Velasquez and Simonne. *Seoane's Neuman and Barretti's Dictionary.
Drawing.	Topography, &c.
Tactics of Artillery, Infantry & Cavalry.	Practical Instruction in the Schools of the Soldier, Company and Battalion. Practical Instruction in Artillery and Cavalry.

## THIRD YEAR.—SECOND CLASS.

DEPARTMENT.	TEXT BOOKS AND BOOKS OF REFERENCE.
Natural and Experimental Philosophy.	Bartlett's Mechanics. Bartlett's Acoustics and Optics. Bartlett's Astronomy.
Chemistry.	Fowne's Chemistry. Chemical Physics, from Miller.
Drawing.	Landscape. Pencil and Colors.
Tactics of Artillery, Infantry and Cavalry.	United States Army Artillery Tactics. United States Army Cavalry Tactics. Upton's United States Army Infantry Tactics. Practical Instruction in the Schools of the Soldier, Company and Battalion. Practical Instruction in Artillery and Cavalry.
Practical Military Engineering.	Myer's Manual of Signals. Practical and Theoretical Instruction in Military Signaling and Telegraphy.

## FOURTH YEAR.—FIRST CLASS.

DEPARTMENT.	TEXT BOOKS AND BOOKS OF REFERENCE.
Civil and Military Engineering and Science of War.	Mahan's Field Fortifications. Wheeler's Mahan's Elementary Course of Permanent Fortifications. Mahan's Civil Engineering. Mahan's Fortification and Stereotomy. Dufour's Strategy and Tactics. *Mahan's Industrial Drawing. *Moseley's Mechanics of Engineering.
Mineralogy and Geology.	Dana's Mineralogy. Dana's Text Book of Geology.
Ethics and Law.	Woolsey's International Law. Pomeroy's Constitutional Law. French's Practical Ethics. Law and Military Law, by Prof. French. *Webster's Dictionary.
Practical Military Engineering.	Practical Instruction in Military Reconnaissances, and in fabricating Fascines, Sap-Faggots, Gabions, Hurdles, Sap-Rollers, &c.; manner of laying out and constructing Gun and Mortar Batteries, Field Fortifications, and Works of Siege; formation of Stockades, Abattis, and other military obstacles; throwing and dismantling Ponton Bridges. *Ernst's Manual of Practical Military Engineering. Myer's Manual of Signals. Practical Instruction in Military Signaling and Telegraphy.
Tactics of Artillery, Infantry and Cavalry.	Practical Instruction in the Schools of the Soldier, Company and Battalion. Practical Instruction in Artillery and Cavalry.
Ordnance and Gunnery.	Benton's Ordnance and Gunnery. Practical Pyrotechny.

## APPOINTMENT AND ADMISSION OF CADETS.

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Each Congressional District and Territory—also the District of Columbia—is entitled to have one Cadet at the Academy. Ten are also annually appointed *at large*. The appointments (excepting those *at large*) are made by the Secretary of War at the request of the Representative, or Delegate, in Congress from the District, or Territory; and the person appointed must be an actual resident of the District, or Territory, from which the appointment is made. The appointments *at large* are specially conferred by the President of the United States.

Applications can at any time be made by letter to the Secretary of War, to have the name of the applicant placed upon the register, that it may be furnished to the proper Representative, or Delegate, when a vacancy occurs. The application must exhibit the full name, exact age, and permanent abode of the applicant, with the number of the Congressional District in which his residence is situated. No person who has served in any capacity in the military or naval service of the so-called Confederate States, can be appointed.

When practicable, appointments are made one year in advance of the date of admission.

The age for the admission of Cadets to the Academy is between seventeen and twenty-two years; but any person who served honorably and faithfully not less than one year as an officer or enlisted man in either the regular or volunteer service, in the late war for the suppression of the rebellion, is eligible for appointment up to the age of twenty-four years. Candidates must be at least five feet in height, and free from any infectious or immoral disorder, and generally, from any deformity, disease, or infirmity, which may render them unfit for military service. They must be well versed in reading, in writing, including orthography, and in arithmetic, have a knowledge of the elements of English grammar, of descriptive geography, particularly of our own country, and of the history of the United States.

In *Reading*, candidates must be able to read understandingly, and with proper accent and emphasis:

In *Writing and Orthography*, they must be able to write from dictation sentences from standard pieces of English literature, both prose and poetry, sufficient in number to test their qualifications both in hand-writing and orthography:

In *Arithmetic*, they must be able

1st, To explain, accurately and clearly, its objects and the manner of writing and reading numbers—entire—fractional—compound, or denominate:

2nd, To perform with facility and accuracy, the various operations of addition—subtraction—multiplication and division of whole numbers, abstract and com-

pound, or denominate, giving the rule for each operation *with its reasons*, and also for the different methods of proving the accuracy of the work :

3d, To explain the meaning of reduction—its different kinds—its application to denominate numbers in reducing them from a higher to a lower denomination and the reverse, and to equivalent decimals; to give the rule for each case *with its reasons*, and to apply readily these rules to practical examples of each kind :

4th, To explain the nature of prime numbers, and factors of a number—of a common divisor of two or more numbers, particularly of their *greatest common divisor*—with its use, and to give the rule *with its reasons*, for obtaining it; also the meaning of a common multiple of several numbers, particularly of their *least common multiple* and its use, and to give the rule, *with its reasons*, for obtaining it, and to apply each of these rules to examples :

5th, To explain the nature of fractions, common or vulgar, and decimal—to define the various kinds of fractions with the distinguishing properties of each—to give all the rules for their reduction; particularly from mixed to improper and the reverse—from compound or complex to simple—to their lowest terms—to a common denominator—from common to decimal and the reverse; for their addition—subtraction—multiplication and division *with the reason* for each change or rule, and to apply each rule to examples :

6th, To define the terms ratio and proportion—to give the properties of proportion and the rules, and *their reasons*, for stating and solving questions in both simple and compound proportion, or single and double rule of three, and to apply these rules to examples :

7th, It is to be understood that the examination in these branches may be either written or oral, or partly written and partly oral—that the definitions and rules must be given fully and accurately and that the work of all examples, whether upon the black-board, slate, or paper, must be written plainly and in full, and in such a manner as to show clearly the mode of solution.

In *English Grammar* candidates must exhibit a familiarity with all the parts of speech and the rules in relation thereto; must be able to parse any ordinary sentence given to them, and, generally, must understand those portions of the subject usually taught, and comprehended under the heads of Orthography, Etymology, Syntax, and Prosody.

The examination will be either written or oral, or partly written and partly oral. The questions will usually be arranged in three divisions. The first division will contain questions somewhat like these :

“*Name all the different kinds of Verbs, and give examples of each.*” “*What is a Pronoun?*” “*Write a short sentence using a personal, a relative, and an interrogative Pronoun, and specify each.*”

The second division will contain one or more sentences to be parsed, e. g. :

“*Many would gladly exchange their honors for that more quiet and humble station with which thou art now dissatisfied.*” Such a sentence must be parsed *fully*, giving the part of speech and kind, case, voice, mood, tense, number, person, degree of comparison, &c., as the case may be, of each word, and its relation to the other words; thus :

“*Many* :” adjective [or indefinite adjective pronoun], positive degree, third person, plural number, nominative case, agrees with *persons*, understood [or subject of *would exchange*].

“*Exchange* :” verb regular, transitive, active, potential mood, present tense, third person, plural number, agrees with *persons*, understood [or *many*], for its subject.

The third division will contain a large number of incorrect sentences, to be corrected; thus :

“*To these precepts are subjoined a copious selection of rules.*” “*Which of the two is the eldest ?*”

Among these, correct sentences will sometimes be introduced to more thoroughly test the knowledge of the candidate.

Since the school grammars used in different parts of the country vary among themselves in their treatment of certain words, an answer endorsed by any grammar of good repute will be accepted.

Thus, in parsing the word “*many*” above, it may be called an indefinite adjective pronoun, or an adjective agreeing with *persons* understood.

Candidates will be required to pass a satisfactory examination, written or oral, or both, in *Descriptive Geography*, particularly of our own country. To give the candidate a clear idea of what is required, the following synopsis is added as a type of the character and extent of the examination :

1st, Definitions of all the natural divisions of the earth’s surface, such as zones, those relating to latitude and longitude, &c., are to be clearly and concisely given.

2d, The Eastern and Western Hemispheres.

Their grand divisions, what large bodies of water partly or wholly surround them? Their oceans and their locations;

The mountains, their locations, directions and extent; The capes, from what parts do they project and into what waters?

The peninsulas, their locations, and by what waters are they embraced?

The parts connected by an isthmus, its name and location;

The islands, their locations and surrounding waters;

The seas, gulfs and bays, the coasts they indent and to what other waters are they subordinate?

The straits, the lands they separate and the waters they connect;

The rivers, their sources, directions of flow and the waters into which they empty;

The lakes, their location and extent.

3d, The subdivisions of the grand divisions.

Their names, locations, boundaries and capitals; general questions of the same character as indicated in the second section, made applicable to each of the countries of each of the grand divisions.

4th, The United States.

The knowledge under this head cannot be too full or specific. The candidate should be thoroughly informed as to its general features, location, configuration

and boundaries (both with respect to neighboring countries, and latitude and longitude), its adjacent oceans, seas, bays, gulfs, sounds, straits, and islands, its mountain ranges, their location and extent, the sources, directions, and terminations of the important rivers, and their principal tributaries, the lakes, and, in short, every geographical feature of the country as indicated above. The location and termination of important rail-road lines and other means of communication from one part of the country to another, should not be omitted.

The states and territories are to be accurately located with respect to each other by their boundaries, and as to their order on the Atlantic coast, on the Gulf of Mexico, on the Pacific coast, on the Northern frontier, on the Mexican frontier, and on the Mississippi, Missouri, and Ohio rivers.

The boundary and other rivers of each state, as well as all other prominent geographical features should be known.

The names and locations of their capitals, and other important cities and towns are likewise to be known.

In short, the knowledge should be so complete that a clear mental picture of the whole or any part of the United States should be impressed on the mind of the candidate.

The candidate should make himself familiar with so much of the *History of the United States* as is contained in the ordinary school histories. The examination may be written or oral, or partly written and partly oral, and will usually consist of a series of questions similar to the following:

I.—Name the earliest European settlements within the present limits of the United States—when, where, and by whom made? When did the settlements made by other nations than the English, come under the dominion of Great Britain and of the United States?

II.—What was the difference between the Royal, the Chartered, and the Proprietary colonies? How many colonies were there originally in Massachusetts and Connecticut? When were they united? How many in Pennsylvania? When were they separated?

III.—In what wars were the colonies engaged before the Revolution? What were the principal events and results of those of King William, Queen Anne, King George, and the French and Indian?

IV.—What were the remote and the immediate causes of the American Revolution? Explain the Navigation Act, the Stamp Act, Writs of Assistance. When did the War of the Revolution properly begin? When, where, and how did it end? Give the particulars of Arnold's treason. Who were the most prominent generals in this war? Name the most important battles, and their results.

V.—The Constitution of the United States—why and when was it formed—when was it adopted?

VI.—Give the names of the Presidents of the United States in their order. Give the leading events of the administration of each one; for example, that of

WASHINGTON, *e. g.*—Indian war; troubles with France; Jay's treaty; the whiskey rebellion, &c.

JEFFERSON.—War with Tripoli; purchase of Louisiana; the embargo, &c., &c.

MADISON.—War of 1812; its causes; the principal battles on land and sea; peculiarity of its last battle; when ended, &c., &c.

MONROE.—Indian War; cession of Florida; Missouri compromise, &c., &c.

JACKSON.—Black Hawk and Seminole wars; the United States Bank; nullification, &c., &c.

POLK.—The Mexican War; its causes; principal battles; results of it, &c., &c.

PIERCE.—Repeal of Missouri compromise; troubles in Kansas, &c., &c.

BUCHANAN.—Civil War; how begun, &c., &c.

LINCOLN.—Principal battles of that war; its results, social and political.

Every candidate is, soon after his arrival at West Point, subjected to a rigid physical examination by an experienced Medical Board, and if there is found to exist in him any of the following causes of disqualification, to such a degree as would immediately, or at no very distant period, impair his efficiency, he is rejected:

1. Feeble constitution and muscular tenuity; unsound health from whatever cause; indications of former disease; glandular swellings, or other symptoms of scrofula.

2. Chronic cutaneous affections, especially of the scalp.

3. Severe injuries of the bones of the head; convulsions.

4. Impaired vision, from whatever cause; inflammatory affections of the eye-lids; immobility or irregularity of the iris; fistula lachrymalis, &c., &c.

5. Deafness; copious discharge from the ears.

6. Loss of many teeth, or the teeth generally unsound.

7. Impediment of speech.

8. Want of due capacity of the chest, and any other indication of a liability to a pulmonic disease.

9. Impaired or inadequate efficiency of one or both of the superior extremities, on account of fractures, especially of the clavicle, contraction of a joint, extenuation, deformity, &c., &c.

10. An unusual excurvature or incurvature of the spine.

11. Hernia.

12. A varicose state of the veins of the scrotum or spermatic cord (when large), sarcocele, hydrocele, hemorrhoids, fistulas.

13. Impaired or inadequate efficiency of one or both of the inferior extremities on account of varicose veins, fractures, malformation (flat feet, &c.), lameness, contraction, unequal length, bunions, overlying or supernumerary toes, &c., &c.

14. Ulcers, or unsound cicatrices of ulcers likely to break out afresh.

The newly appointed Cadets are then examined by the Academic Board, and those not properly qualified are rejected. Those admitted are required to sign articles binding themselves to serve the United States eight years from the time of their admission into the Academy, unless sooner discharged.

During the months of July and August, the Cadets live in camp, engaged only in military duties and exercises, and receiving practical military instruction.

The academic duties and exercises commence on the 1st of September, and continue until about the last of June. Examinations of the several classes are held in January and June, and at the former, such of the new Cadets as are found proficient in studies, and have been correct in conduct, are given the particular standing in their class to which their merits entitle them. After either examination

cadets found deficient in conduct or studies are discharged from the Academy, unless, for special reasons in each case, the Academic Board should otherwise recommend. Similar examinations are held every January and June during the four years comprising the course of studies.

These examinations are very thorough, and require from the Cadet a close and persevering attention to study, without evasion or slighting of any part of the course, as no relaxations of any kind can be made by the examiners.

The pay of a Cadet is \$540 per year, to commence with his admission into the Academy, and is sufficient, with proper economy, for his support. No Cadet is permitted to receive money, or any other supplies from his parents, or from any person whomsoever, without the sanction of the Superintendent.

When a Cadet shall receive a regular degree from the Academic Board, after going through the classes, he is considered as among the candidates for a commission in the Engineers, Ordnance, Artillery, Infantry, or Cavalry, according to the duties he may be judged competent to perform.

A sound body and constitution, suitable preparation, good natural capacity, an aptitude for study, industrious habits, perseverance, an obedient and orderly disposition and a correct moral deportment, are such essential qualifications that candidates, knowingly deficient in any of these respects, should not, as many do, subject themselves and their friends to the chances of future mortification and disappointment, by accepting appointments at the Academy, and entering upon a career which they cannot successfully pursue.

Head-Quarters, U. S. Military Academy,

*West Point, N. Y., June 30, 1877.*

BY COMMAND OF MAJOR-GENERAL SCHOFIELD:

A large, bold, handwritten signature in black ink, appearing to read "Robert C. Schenck". The signature is written in a cursive style with a prominent horizontal stroke across the middle.

*Captain 10th Infantry,*

*Adjutant.*





