

OFFICIAL REGISTER

OF THE

Officers and Cadets

OF THE

U. S. MILITARY ACADEMY,

West Point, N. Y.

JUNE, 1898.

U. S. M. A. PRESS



AND BINDERY.

BOARD OF VISITORS,

JUNE, 1898.

Appointed by the President of the United States.

- 1.*Honorable WALTER L. BOUVÉ.....HINGHAM, MASSACHUSETTS.
2. General SIMON B. BUCKNER (*President*).....RIO, KENTUCKY.
3. Honorable WILLIAM T. FAIRCLOTH (*Vice-President*).....GOLDSBORO, N. C.
4. Mr. ALEXANDER W. HOFFMAN (*Secretary*).....BUFFALO, NEW YORK.
- 5.*Honorable ASHBEL P. FITCH.....NEW YORK, NEW YORK.
6. Mr. WILLIAM P. WALTON.....GREENSBORO, ALABAMA.
7. General CHAUNCEY MCKEEVER, U. S. A.....WASHINGTON, D. C.

Appointed by the President of the Senate.

- 8.*Honorable JOSEPH R. HAWLEY.....HARTFORD, CONNECTICUT.
- 9.*Honorable RICHARD R. KENNEY.....DOVER, DELAWARE.

Appointed by the Speaker of the House of Representatives.

- 10.*Honorable JOHN A. T. HULL.....DESMOINES, IOWA.
11. Honorable ROBERT ADAMS, JR.....PHILADELPHIA, PENNSYLVANIA.
- 12.*Honorable FARISH C. TATE.....JASPER, GEORGIA.

*Not present.

UNITED STATES MILITARY ACADEMY,
WEST POINT, NEW YORK.

Superintendent.

*Colonel O. H. ERNST, Lieut. Colonel of Engineers,
Brigadier General U. S. Volunteers.

Acting Superintendent.

Lieut. Colonel O. L. HEIN, Commandant of Cadets.

Military Staff.

2d Lieutenant SAMUEL C. HAZZARD, 1st Artillery, *Adjutant of the Military Academy and of the Post; Recruiting Officer; Commanding Band and Detachment of Field Music, and Post Non-Commissioned Staff; Assistant to the Quartermaster, and Officer of Police.*

Major WILLIAM F. SPURGIN, 23d Infantry, *Quartermaster of the Military Academy and of the Post; Disbursing Officer; Director of Gas Works; Commanding Detachment of Army Service Men in the Quartermaster's Department.*

Captain CHARLES B. HALL, 19th Infantry, *Treasurer of the Military Academy, and Quartermaster and Commissary of Cadets.*

1st Lieutenant GEORGE F. LANDERS, 4th Artillery, *Commissary, and Treasurer; in charge of Post Exchange.*

Captain WILLIAM L. KNEEDLER, Assistant Surgeon, U. S. A.

DOUGLAS F. DUVAL, Acting Assistant Surgeon, U. S. A.

* Absent on detached service, in the field.

Academic Staff.

Professors whose service at the Academy, as Professor, exceeds 10 years, have the assimilated rank of Colonel, and all other Professors the assimilated rank of Lieutenant-Colonel.

DEPARTMENT OF TACTICS.

Lieut. Col. Otto L. Hein, Captain 1st Cavalry,	}	<i>Commandant of Cadets and Instructor of Tactics.</i> (15 Jun., '97.)
†Captain JAMES PARKER, 4th Cavalry, Major 12th N. Y. Infantry, U. S. Vol.	}	<i>Senior Instructor of Cavalry Tac- tics.</i>
1st Lieutenant GRANGER ADAMS, 5th Artillery,	}	<i>Senior Instructor of Artillery Tactics. Commanding Company of Cadets.</i>
*1st Lieutenant JOHN H. BEACOM, 3d Inf'y, Captain and Ass't Adj. Gen., U. S. Vol.	}	<i>Assistant Instructor of Tactics.</i>
1st Lieutenant SAMSON L. FAISON, 1st Infantry,	}	<i>Senior Instructor of Infantry Tactics.</i>
†1st Lieutenant JOHN J. PERSHING, 10th Cavalry,	}	<i>Assistant Instructor of Tactics.</i>
2d Lieutenant JAY E. HOFFER, 3d Artillery,	}	<i>Assistant Instructor of Tactics. Com- manding Company of Cadets.</i>
2d Lieutenant JULIAN R. LINDSEY, 9th Cavalry,	}	<i>Assistant Instructor of Cavalry Tac- tics. Commanding Company of Cadets. Commanding Detachment of Cavalry.</i>
2d Lieutenant DAVID M. KING, 4th Artillery,	}	<i>On temporary duty; commanding Company of Cadets.</i>

DEPARTMENT OF CIVIL AND MILITARY ENGINEERING.

Gustav J. Fiebeger,		Professor. (4 May, 1896.)
*1st Lieutenant THOMAS H. REES, Corps of Engineers,	}	<i>Assistant Professor.</i>
†1st Lieutenant FRANCIS R. SHUNK, Corps of Engineers,	}	}
†1st Lieutenant CHESTER HARDING, Corps of Engineers,	}	<i>Instructors.</i>

DEPARTMENT OF NATURAL AND EXPERIMENTAL PHILOSOPHY.

Peter S. Michie,		Professor. (14 Feb., 1871.)
Captain WILLIAM B. GORDON, Ordnance Department,	}	<i>Assistant Professor.</i>
*2d Lieutenant JOSEPH T. CRABBS, 8th Cavalry,	}	<i>Instructor.</i>

† Absent with leave, in the field.

* Absent on detached service, in the field.

‡ Absent on detached service, with regiment in the field.

‡ Absent on detached service.

DEPARTMENT OF MATHEMATICS.

Edgar W. Bass,	<i>Professor.</i>	(17 April, 1878.)
*WRIGHT P. EDGERTON,	<i>Associate Professor.</i>	(1 July, 1893.) (With the rank of Captain.)
*1st Lieutenant CHARLES P. ECHOLS, Corps of Engineers,	}	<i>Assistant Professor.</i>
2d Lieutenant GEORGE BLAKELY, 2d Artillery,		
‡2d Lieutenant WILLIAM M. CRUIKSHANK, 1st Artillery,	}	<i>Instructors.</i>
2d Lieutenant DAVID M. KING, 4th Artillery,		
§2d Lieutenant CHARLES W. CASTLE, 16th Infantry,		

DEPARTMENT OF CHEMISTRY, MINERALOGY AND GEOLOGY.

Samuel E. Tillman,	<i>Professor.</i>	(21 Dec., 1880.)
1st Lieutenant GEORGE F. LANDERS, 4th Artillery,	}	<i>Assistant Professor.</i>
|| 1st Lieutenant PALMER E. PIERCE, 13th Infantry,		
‡2d Lieutenant WILLIAM R. SMITH, 1st Artillery,	}	<i>Instructors.</i>

DEPARTMENT OF DRAWING.

Charles W. Larned,	<i>Professor.</i>	(25 July, 1876.)
‡2d Lieutenant WALTER C. BABCOCK, 8th Cavalry,	}	<i>Assistant Professor.</i>
‡2d Lieutenant JENS BUGGE, 3d Infantry,		
‡2d Lieutenant CHARLES H. PAINE, 13th Infantry,	}	<i>Instructors.</i>

DEPARTMENT OF MODERN LANGUAGES.

Edward E. Wood,	<i>Professor.</i>	(1 Oct., 1892.)
*1st Lieutenant CHARLES H. HUNTER, 1st Artillery,	}	<i>Assistant Professor of the Spanish Language.</i>
2d Lieutenant SAMUEL C. HAZZARD, 1st Artillery,		
|| 2d Lieutenant WILLIAM R. SMEDBERG, JR., 4th Cavalry,	}	<i>Assistant Professor of the French Language.</i>
‡2d Lieutenant JAMES M. WILLIAMS, 7th Artillery,		
	}	<i>Instructors.</i>

* Absent on detached service, in the field.

‡ Absent on detached service.

§ Aide de Camp on Division Staff in the field.

|| Aide de Camp on Brigade Staff in the field.

† Absent with leave.

DEPARTMENT OF LAW AND HISTORY.

George B. Davis, Lieut. Col. and Deputy Judge Advocate General, U. S. A.,	}	Professor.	(20 Aug., 1895.)
		(By assignment under act 6 June, 1874.)	
*1st Lieutenant WALTER A. BETHEL, 3d Art. Captain and Ass't Adj. Gen., U. S. Vol.			
†1st Lieutenant FRANK G. MAULDIN, 7th Artillery.			
2d Lieutenant MATHEW C. SMITH, 2d Cavalry,	}	<i>Assistant Professor.</i>	

DEPARTMENT OF PRACTICAL MILITARY ENGINEERING,
MILITARY SIGNALING AND TELEGRAPHY.

* Captain James L. Lusk, Corps of Eng. Lt. Col., and Chief Engineer, U. S. Vol.	}	Instructor.	(31 March, 1893.)
*1st Lieutenant E. EVELETH WINSLOW, Corps of Engineers.			
2d Lieutenant GEORGE BLAKELY, 2d Artillery,	}	<i>Senior Assistant Instructor.</i>	

DEPARTMENT OF ORDNANCE AND GUNNERY.

Captain Lawrence L. Bruff, Ordnance Department,	}	Instructor.	(17 Aug., 1891.)

CHAPLAIN.

Rev. Herbert Shipman,	(22 April, 1896.)
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MASTER OF THE SWORD.

Herman J. Koehler,	(1 February, 1885.)
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TEACHER OF MUSIC.

George Essigke.	(15 October, 1895.)
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*Absent on detached service, in the field.

†Absent on detached service.

Battalion Organization.

APRIL 26, 1898.

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 the second class; and the corporals from the third class.

"A."

"B."

"C."

"D."

CAPTAINS.

M. CRAIG,¹G. V. HENRY, JR.,²R. C. DAVIS,⁴A. E. WILLIAMS.²

LIEUTENANTS.

C. S. BABCOCK, *Adjutant.*J. B. GOWEN, *Quartermaster.*W. F. NESBITT,²M. McCLOSKEY,³F. C. BOGGS, JR.¹L. BROWN, 1st.⁴M. C. KERTH,⁶L. W. JORDAN, JR.⁷E. D. BRICKER,⁵R. E. INGRAM,⁸H. L. NEWBOLD,⁹C. W. EXTON,¹⁰M. G. SPINKS,¹⁴I. C. WELBORN,¹²E. D. SCOTT,³J. C. JOHNSON,¹¹H. A. LAFFERTY,¹⁵H. W. MILLER.¹⁶J. A. WOODRUFF, *Sergeant-Major.*W. KELLY, *Quartermaster-Sergeant.*

1st SERGEANTS.

C. C. CARTER,¹C. A. ROMEYN,²F. C. JEWELL,²I. L. HUNT.⁴

SERGEANTS.

F. B. KERR,¹C. A. TROTT,⁴A. N. McCLURE,³G. V. H. MOSELEY,²D. K. MAJOR, JR.⁷G. W. STUART,⁶L. W. OLIVER,⁵H. B. FARRAR,⁸C. M. BUNDEL,⁹E. H. HUMPHREY,¹¹G. S. SIMONDS,¹⁰A. B. PUTNAM,¹³R. S. GRANGER,¹⁴E. M. MARKHAM,¹²A. S. COWAN,¹⁶E. G. PEYTON.¹⁵

CORPORALS.

E. M. ADAMS,¹W. S. GRANT,²J. A. BAER,³W. V. MORRIS,⁷G. A. YOUNGBERG,⁴E. M. RHETT,⁵P. K. BRICE,⁶E. G. DAVIS,⁹L. S. MOREY,⁶G. B. COMLY,¹⁰W. I. WESTERVELT,¹⁵J. R. SLATTERY,¹¹C. C. CARSON,¹²C. L. J. FROHWITTER,¹⁴F. C. DOYLE,¹⁸F. O. WHITLOCK,¹⁶R. F. JACKSON,¹³A. McINTYRE,¹⁷L. T. HILLMAN,²⁰J. WATSON.¹⁹

The figures indicate relative rank.

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, that date the result of the examination held in the preceding month is announced and Cadets are advanced from one class to another. At no other time shall a Cadet be advanced from one class to another, unless prevented by sickness, or authorized absence, from attending at the aforesaid examination; in which case a special examination shall be granted him; but in no case shall a Cadet be advanced from one class to another without having passed a satisfactory examination by the Academic Board.

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, 1898.

FIRST CLASS—59 MEMBERS—GRADUATED APRIL 26, 1898.

Order of general merit.	Names.	Where born.	Appointed from.	Date of Admission.	Age at date of Admission.		Order of merit in									
					Years.	Mos.	Civil & Military Engineering.		Law.	History.	Ordnance & Gunnery.		Drill Regulations.	Practical Military Engineering.	Discipline.	Demerit for the 2 years ending May 31, 1898.
							1	2			1	2				
*1	Boggs, Frank C., Jr.	N. J.	Pa.	June 15, 1894	20	3	1	1	1	1	1	1	2	14		
*2	Smith, Clarke S.	Ill.	Ill.	June 20, 1894	17	5	4	5	2	2	3	6	5	28		
*3	Wooten, William P.	N. C.	N. C.	June 15, 1894	21	4	2	2	9	3	2	3	38	195		
*4	Brown, Lytle	Tenn.	Tenn.	June 15, 1894	21	7	5	13	5	8	24	4	17	92		
*5	Kerr, Robert D.	W. Va	W. Va	June 20, 1894	18	0	3	4	6	4	12	7	22	112		
6	Brown, Earl I.	Ga.	Ga.	June 15, 1894	19	8	7	10	10	7	30	23	15	82		
7	Fries, Amos A.	Wis.	Ore.	June 15, 1894	21	3	6	7	11	6	28	8	13	79		
8	McCloskey, Manus	Pa.	Pa.	June 15, 1894	20	2	17	29	12	9	8	11	1	1		
9	Stephens, John E.	Tenn.	Tenn.	June 15, 1894	19	7	15	30	16	22	14	17	14	81		
10	Merrill, Thomas E.	Ohio.	Ky.	June 15, 1894	19	0	22	19	25	16	33	2	18	94		
11	Kerth, Monroe C.	Ill.	Ill.	June 15, 1894	17	11	9	16	31	10	15	5	19	96		
12	Nunton, Charles H.	Mich.	Mich.	June 15, 1894	17	5	11	14	17	14	16	13	37	193		
13	Nugent, George A.	Mich.	N. D.	June 15, 1894	21	6	18	3	3	11	6	31	12	69		
14	Hamilton, William W.	Ga.	Ga.	^a June 15, 1893	17	0	14	17	13	5	25	15	10	59		
15	Otwell, Curtis W.	Ohio.	Kan.	June 20, 1894	18	8	13	25	24	12	4	29	13	79		
16	Cole, William E.	Utah.	Utah.	June 15, 1894	19	9	8	18	27	30	35	12	11	65		
17	Conner, Fox	Miss.	Miss.	June 15, 1894	19	7	10	15	19	20	10	37	36	179		
18	Butner, Henry W.	N. C.	N. C.	June 20, 1894	19	2	23	38	30	13	23	47	24	127		
19	Meade, Francis K.	Va.	Va.	June 20, 1894	17	1	12	36	36	24	19	51	30	149		
20	Spinks, Marcellus G.	Miss.	Miss.	June 20, 1894	20	0	16	39	44	19	9	39	16	87		
21	Jordan, Lambert W., Jr.	S. C.	S. C.	June 15, 1894	18	11	46	24	14	23	22	16	4	25		
22	Johnson, Jacob C.	Ohio.	Mo.	June 15, 1894	21	7	44	23	8	21	40	21	9	48		
23	Newbold, Henry L.	Cal.	Md.	June 15, 1894	17	11	32	28	7	29	13	38	28	144		
24	Nesbitt, William F.	Ohio.	Ohio.	June 15, 1894	18	8	30	31	29	39	34	9	27	142		
25	Gowen, James B.	N. Y.	N. Y.	June 15, 1894	21	9	29	11	4	15	20	24	15	82		
26	Miller, Harvey W.	N. Y.	N. Y.	June 15, 1894	18	11	26	27	32	18	11	27	6	30		
27	Bricker, Edwin D.	Pa.	Pa.	June 15, 1894	18	7	25	34	37	17	27	34	21	107		
28	Maginnis, Thomas F.	Minn.	Minn.	^b June 21, 1893	18	9	21	41	40	26	46	10	39	197		
29	Fiscus, William W., Jr.	Pa.	Pa.	^c June 15, 1893	18	0	57	21	20	37	18	46	31	153		
30	Scott, Ernest D.	Canada.	Neb.	June 15, 1894	21	9	20	26	23	38	49	42	34	173		
31	Berry, Daniel G.	Ill.	Ill.	June 15, 1894	20	2	36	6	21	35	55	50	24	127		
32	Benchley, Edmund N.	Mass.	Mass.	June 15, 1894	18	3	38	8	18	36	29	58	45	221		
33	Craig, Malin	Mo.	Pa.	June 20, 1894	18	10	39	22	22	40	44	20	8	47		
34	Hammond, Harold	Ill.	Ill.	Sept. 1, 1894	19	8	27	44	52	34	32	22	48	267		
35	Ingram, Ralph E.	Mass.	Mass.	June 15, 1894	19	0	33	56	46	42	54	18	7	37		

^a Absent with leave (sick) during Annual Examination, June, 1894, and not examined; joined new Fourth Class, June 15, 1894.

^b Absent with leave (sick) during Annual Examination, June, 1896, and not examined; joined Second Class January 6, 1897.

^c Turned back to join Fourth Class, January 23, 1895—S. O. No. 19, A. G. O., January 23, 1895.

FIRST CLASS—59 MEMBERS—GRADUATED APRIL 26, 1898.

Order of general merit.	Names.	Where born.	Appointed from.	Date of Admission.	Age at date of Admission.		Order of merit in									
					Years.	Mos.	Civil & Military Engineering.		Law.	History.	Ordnance & Gunnery.		Drill Regulations.	Practical M'ry Engineering.	Discipline.	Demerit for the 2 years ending May 31, 1898.
36	Davis, Robert C.	Pa.	Pa.	June 15, 1894	17	8	55	20	15	32	26	25	4	25		
37	Janda, Joseph F.	Wis.	Wis.	June 15, 1894	18	10	37	35	35	33	47	44	32	163		
38	Read, Alvan C.	Tenn.	La.	June 15, 1894	20	9	41	12	33	25	31	36	49	287		
39	Welborn, Ira C.	Miss.	Miss.	Sept. 1, 1894	20	6	31	50	55	28	7	19	25	134		
40	Churchman, Clarke. . . .	Pa.	Del.	June 15, 1894	20	8	42	9	26	27	38	55	46	241		
41	Lyle, David E. W.	Ohio.	Mich.	June 20, 1894	21	7	35	37	34	43	45	40	43	214		
42	Williams, Alexander E. . .	N. C.	N. C.	June 20, 1894	19	3	24	51	53	54	42	28	26	135		
43	Walton, Romulus F. . . .	Ala.	Ala.	June 15, 1894	18	11	28	42	42	41	41	33	41	202		
44	Exton, Charles W.	N. J.	N. J.	June 15, 1894	21	6	34	45	51	44	21	14	17	92		
45	Henry, Guy V., Jr.	Neb.	At large.	June 15, 1894	19	5	19	46	45	31	5	26	3	24		
46	Martin, Edward H.	N. Y.	N. Y.	June 15, 1894	19	11	56	32	43	47	57	41	12	69		
47	Lafferty, Herbert A. . . .	Kan.	Col.	June 15, 1894	18	3	45	54	59	56	58	52	44	216		
48	Wheeler, David P.	Ohio.	Ohio.	June 15, 1894	17	11	40	49	41	52	39	57	23	113		
49	Babcock, Conrad S.	Conn.	N. Y.	June 15, 1894	18	4	52	55	49	46	17	45	20	103		
50	Ridenour, Edgar.	Ohio.	Ind.	June 20, 1894	20	2	48	40	38	48	36	54	16	87		
51	Humphrey, Chauncey B. . .	Kan.	Kan.	June 21, 1893	20	7	47	59	54	45	48	43	35	174		
52	Enochs, Berkeley.	Ohio.	Ohio.	June 15, 1894	17	7	43	58	56	55	53	30	47	256		
53	Murphy, William L.	Iowa.	Iowa.	June 20, 1894	19	6	51	57	50	53	56	53	40	199		
54	Maxey, Robert J.	Miss.	Ark.	June 15, 1894	21	1	49	48	58	49	52	49	40	199		
55	Crallé, G Maury.	Va.	Va.	June 15, 1894	21	4	53	33	39	51	43	48	42	207		
56	Gohn, Joseph F.	Ill.	Ill.	June 15, 1894	21	0	54	43	47	50	50	56	39	197		
57	Bradford, James H. Jr. . .	La.	Ariz.	June 15, 1894	20	3	50	47	48	57	37	35	29	147		
58	Scales, Wallace B.	Texas.	Texas.	June 15, 1894	18	6	59	52	28	58	59	32	50	359		
59	Stone, David L.	Miss.	Miss.	June 15, 1894	17	10	58	53	57	59	51	59	33	171		

a Absent with leave (sick) during Annual Examination, June, 1895, and not examined; joined then Third Class, August 28, 1895.

SECOND CLASS—73 MEMBERS.

Order of general merit.	Names.	Where born.	Appointed from	Date of Admission.	Age at date of Admission.		Order of merit in					
					Years.	Mos.	Natural and Experimental Philosophy.	Chemistry, Chemical Physics, Mineralogy and Geology.	Drill Regulations.	Drawing.	Discipline.	Demerit for the year ending May 31, 1898.
*1	Kelly, William.....	N. Y.	Wis.	June 19, 1895	18	5	1	4	4	1	17	27
*2	Woodruff, James A....	Mont.	Vt.	June 15, 1895	18	0	4	1	1	5	7	12
*3	Rand, Lewis H.....	N. J.	N. J.	June 19, 1895	18	6	2	2	9	54	20	33
*4	Jackson, Thomas H...	Canada.	Mich.	June 15, 1895	21	5	9	3	2	39	5	9
*5	Markham, Edward M.	N. Y.	N. Y.	June 15, 1895	17	11	5	12	5	11	8	13
6	Stickle, Horton W.....	Iowa.	Iowa.	June 15, 1895	20	3	6	5	3	53	9	15
7	Coleman, Le Vert.....	Ala.	Ala.	June 15, 1895	17	9	3	6	14	66	26	44
8	Putnam, Alfred B.....	Mass.	Mass.	June 19, 1895	17	9	12	15	18	2	1	0
9	Waldron, Albert E.....	Iowa.	Ill.	June 19, 1895	21	7	7	13	33	14	25	43
10	Bunnell, George W., Jr.	Cal.	Cal.	June 19, 1895	20	6	18	7	19	20	12	19
11	Wigmore, Hubert L....	Cal.	Cal.	June 15, 1895	20	8	14	10	17	18	33	56
12	McDonough, Mich'l J.	Mass.	Mass.	June 15, 1895	18	5	10	23	26	4	46	108
13	Guiney, Patrick W.....	Mass.	Mass.	June 19, 1895	18	4	19	26	8	49	6	11
14	Roberts, Hugh A.....	Ga.	Ga.	June 15, 1895	18	5	22	16	23	38	21	34
15	Gallup, Fred H.....	Iowa.	Iowa.	June 19, 1895	18	7	11	20	42	26	45	107
16	Clark, Henry B.....	Wis.	Ill.	June 19, 1895	21	2	38	8	27	9	12	19
17	Schull, Herman W.....	England.	S. D.	June 19, 1895	20	1	13	19	61	60	31	53
18	Nicholls, Jesse C.....	Ala.	Ala.	^a June 15, 1894	19	10	15	9	55	50	49	124
19	Jewell, Frank C.....	Ill.	Wis.	June 19, 1895	21	8	30	17	12	12	6	11
20	Farrar, Henry B.....	Mo.	Mo.	June 15, 1895	19	9	20	30	38	31	14	22
21	Embick, Stanley D....	Pa.	Pa.	June 15, 1895	18	5	17	14	49	62	40	83
22	Hancock, Gwynn R....	Mo.	At Large.	^b June 25, 1894	18	5	21	34	32	6	22	36
23	Bushfield, Llewellyn N.	Tenn.	Ky.	June 15, 1895	18	9	8	29	58	25	52	179
24	Clark, Charles B.....	Mass.	Mass.	June 15, 1895	18	6	37	21	7	27	3	3
25	Hunt, Irvin L.....	Cal.	Cal.	June 15, 1895	17	11	16	42	22	33	34	58
26	Carter, Clifton C.....	Ky.	Ky.	June 15, 1895	18	11	23	47	10	8	10	16
27	Romeyn, Charles A....	Ind.T.	At Large.	June 15, 1895	20	6	33	28	11	10	34	58
28	Simonds, George S....	Iowa.	Iowa.	June 15, 1895	21	3	36	11	28	67	23	39
29	Farmer, Charles C., Jr.	Ill.	Ill.	June 15, 1895	19	5	31	25	43	42	14	22
30	Kromer, Leon B.....	Mich.	Mich.	June 15, 1895	19	0	27	31	6	48	47	111
31	Peck, Robert H.....	Cal.	Cal.	June 15, 1895	20	3	43	18	57	43	25	43
32	Ray, James B.....	Ky.	Ky.	June 19, 1895	19	4	24	38	41	59	27	48
33	Burt, Wilson B.....	Ill.	Ill.	June 15, 1895	20	5	25	45	20	36	41	86
34	Brown, Walter S.....	Me.	Me.	June 15, 1895	19	11	40	27	25	70	32	55
35	Calvert, Robert B.....	Ind.	Ind.	^c June 15, 1894	19	4	45	24	13	40	42	90
36	Ansell, Samuel T.....	N. C.	N. C.	June 15, 1895	20	5	29	35	66	41	18	28
37	Trott, Clement A.....	Wis.	Wis.	June 15, 1895	17	6	57	22	44	32	12	19

a Suspended without pay for one year from September 21, 1836—S. O. No. 222½, A. G. O., Sept 21, 1896. So much of the sentence remaining unexecuted on August 28, 1897, remitted by authority of the Secretary of War—S. O. No. 176, A. G. O., July 30th, 1897.

b Absent with leave during Annual Examination, June, 1897, and not examined; joined then Second Class, August 28, 1897.

c Absent with leave (sick) during Annual Examination, June, 1897, and not examined; joined then Second Class, August 28, 1897.

SECOND CLASS—73 MEMBERS.

Order of general merit.	Names.	Where born.	Appointed from	Date of Admission.	Age at date of Admission.		Order of merit in							Demerit for the year ending May 31, 1898.
					Years.	Mos.	Arithmetic and Experimental Philosophy.	Chemistry, Chemical Physics, Mineralogy and Geology.	Drill Regulations.	Drumming.	Discipline.			
38	Moseley, George V. H.	Ill.	Ill.	June 15, 1895	20	9	35	55	15	15	2	2		
39	Bundel, Charles M.....	Pa.	Pa.	June 19, 1895	20	0	49	43	37	3	10	16		
40	Granger, Ralph S.....	Conn.	Conn.	^a June 15, 1894	19	3	48	39	35	13	12	19		
41	Humphrey, Evan H...	Cal.	Neb.	^b June 15, 1895	20	3	28	50	48	37	39	79		
42	Minus, Josiah C.....	Tex.	S. C.	June 19, 1895	20	0	39	32	56	72	35	59		
43	Yates, Halsey E.....	Neb.	Neb.	June 15, 1895	19	1	53	33	40	46	7	12		
44	Cooke, Francis N.....	N. C.	N. C.	June 19, 1895	19	8	59	36	21	19	29	50		
45	Herron, Charles D.....	Ind.	Ind.	June 15, 1895	18	3	56	44	24	35	19	31		
46	Rhea, James C.....	Iowa.	Tex.	June 15, 1895	19	3	41	41	54	56	43	102		
47	Halstead, Laurence.....	Ohio.	Ohio.	June 15, 1895	19	8	51	48	46	29	19	31		
48	Jarrett, George D.....	Ga.	Ga.	^c June 15, 1894	21	0	32	53	73	22	48	119		
49	Foster, Pierce C.....	Mass.	N. H.	June 19, 1895	17	3	34	46	36	65	50	130		
50	Heintzelman, Stuart...	N. Y.	At Large.	June 15, 1895	18	7	26	54	50	55	53	193		
51	Heidt, Grayson V.....	Ga.	Ga.	June 15, 1895	20	5	44	62	30	52	36	61		
52	Brown, Fred R.....	Ill.	Ill.	June 19, 1895	19	4	54	65	31	16	11	18		
53	Kerr, Frederick B.....	Pa.	Pa.	June 19, 1895	18	8	46	56	53	21	46	108		
54	Merry, William T.....	N. Y.	N. Y.	June 15, 1895	19	0	58	57	34	28	6	11		
55	Hanson, James.....	Sweden.	S. D.	^d Sept. 2, 1895	21	5	63	40	29	61	20	33		
56	Van Duyne, Fred'k W.	N. J.	N. J.	June 15, 1895	18	6	50	63	68	7	30	51		
57	Stuart, George W.....	Iowa.	Iowa.	June 19, 1895	20	4	52	59	47	47	28	49		
58	Patten, William T.....	S. C.	At Large.	June 15, 1895	19	6	62	49	51	58	4	6		
59	Harris, Henry L., Jr...	N. Y.	N. J.	^e June 19, 1895	19	10	42	60	64	17	54	212		
60	Way, Henry N.....	Ill.	Ill.	June 19, 1895	20	6	64	37	62	68	34	58		
61	Game, Clyffard.....	England.	Minn.	June 15, 1895	21	9	61	51	67	71	13	21		
62	Long, John D.....	Ind.	Ind.	^a June 20, 1894	17	9	60	61	45	57	20	33		
63	Oliver, Llewellyn W...	Mich.	Mich.	June 15, 1895	19	7	66	58	39	24	15	24		
64	Foy, Robert C.....	Ala.	Ala.	June 15, 1895	18	10	55	52	65	64	51	138		
65	Major, Duncan K., Jr.	N. Y.	N. Y.	June 19, 1895	19	2	67	67	16	34	24	41		
66	Cowan, Arthur S.....	Me.	Me.	June 19, 1895	20	2	65	69	60	30	16	25		
67	Cabell, Lawrence D....	Tex.	Tex.	June 19, 1895	20	10	47	64	59	63	44	105		
68	McNally, Reginald E...	N. Y.	Ohio.	June 15, 1895	17	7	68	66	71	44	17	27		
69	Justice, James.....	Tex.	Tex.	^f June 15, 1895	19	3	70	70	52	23	38	71		
70	McClure, Albert N.....	Ky.	Ky.	June 15, 1895	21	2	71	72	69	45	22	36		
71	Peyton, Ephraim G....	Miss.	Miss.	June 15, 1895	19	5	69	68	70	51	37	66		
72	Robichon, Hector A...	Canada.	N. Y.	^g June 15, 1894	17	11	72	71	72	69	42	90		
‡	Chambliss, Nat. R., Jr.	Ala.	Ala.	^e June 15, 1894	19	8	Def	Def	63	Def	41	86		

a Turned back to join then Fourth Class, Jan. 22, 1896—S. O. No. 18, A. G. O., Jan. 22, 1896.
b Admitted September 1, 1893; resigned January 7, 1895.
c Turned back to join then Third Class, July 10, 1896—S. O. No. 159, A. G. O., July 8, 1896.
d Admitted June 15, 1894; discharged June 25, 1895, for deficiency in French.
e Admitted June 23, 1894; discharged January 31, 1895, on account of physical disability.
f Admitted September 1, 1893; resigned January 15, 1895.
g Turned back to join new Fourth Class June 24, 1895—S. O. No. 146, A. G. O., June 24, 1895.

THIRD CLASS—62 MEMBERS.

Order of general merit.	Names.	Where born.	Appointed from	Date of Admission.	Age at date of Admission.		Order of merit in					Demerit for the year ending May 31, 1898.
					Years.	Mos.	Mathematics.	French.	Spanish.	Drawing.	Discipline.	
*1	Adams, Edward M.....	Mich.	Mass.	June 15, 1896	18	8	4	3	3	1	11	44
*2	Pillsbury, George B....	Mass.	Mass.	June 15, 1896	19	6	1	2	4	2	41	145
*3	Lukesh, Gustave R.....	Ohio.	Ohio.	June 15, 1896	17	10	3	9	7	4	22	77
*4	Slattery, John R.....	Ohio.	Ohio.	June 15, 1896	19	5	11	6	2	19	5	25
*5	Pope, Francis A.....	Iowa.	Kan.	June 15, 1896	20	11	7	5	5	25	15	58
6	Rhett, Edmund M.....	S. C.	S. C.	June 15, 1896	18	2	8	7	12	21	28	90
7	Hamilton, Stanley B....	N. Y.	Nev.	June 15, 1896	17	2	2	19	11	22	45	163
8	Baer, Joseph A.....	Pa.	Pa.	June 15, 1896	18	2	5	25	36	8	8	33
9	Martin, Charles F.....	Ark.	Ark.	June 15, 1896	19	8	10	8	6	55	12	48
10	Whitlock, Frank O.....	Iowa.	Minn.	June 18, 1896	18	1	9	20	17	33	6	27
11	Baender, Charles L.....	Mo.	Mo.	June 15, 1896	20	0	6	10	14	5	48	200
12	Lawson, Charles R.....	Mass.	Mass.	June 15, 1896	17	10	20	1	1	50	21	75
13	Youngberg, Gilbert A.	Minn.	Minn.	June 15, 1896	21	4	14	21	22	18	3	15
14	Wood, Robert E.....	Mo.	Mo.	June 15, 1896	17	0	12	4	9	60	36	127
15	Deems, Clarence, Jr....	Va.	Md.	^a June 19, 1895	18	1	34	13	32	6	5	25
16	Westervelt, William I.	Tex.	Tex.	June 15, 1896	19	9	15	22	13	13	30	107
17	Grant, Walter S.....	N. Y.	N. Y.	June 15, 1896	18	5	28	12	18	20	17	66
18	Watson, John.....	Kan.	Kan.	^a June 19, 1895	20	5	29	16	19	28	10	37
19	Buck, Frederick L.....	Pa.	Pa.	June 15, 1896	20	10	23	31	21	26	2	12
20	Mumma, Morton C.....	Ohio.	Ohio.	June 18, 1896	18	3	32	17	10	11	29	97
21	Davis, Edwin G.....	Idaho	Idaho	June 15, 1896	21	11	35	11	8	46	13	49
22	Birnie, Upton, Jr.....	Pa.	Pa.	June 15, 1896	18	11	31	15	16	9	39	139
23	Hillman, Leroy T.....	Ohio.	Ind.	June 15, 1896	17	1	24	41	28	10	6	27
24	Hopkins, Jay P.....	Mich.	Mich.	June 15, 1896	20	7	13	38	37	24	20	74
25	Mitchell, Harry E.....	Ill.	Ill.	^b June 19, 1895	18	3	26	35	51	15	1	4
26	Pillow, Jerome G.....	Tenn.	Ark.	^a June 15, 1895	19	10	38	18	27	16	25	87
27	Wesson, Charles M.....	Mo.	Md.	June 15, 1896	17	11	17	26	24	42	42	146
28	Stokey, William P.....	Ohio.	Ohio.	June 18, 1896	20	7	22	30	33	30	35	121
29	Morris, Willis V.....	Ind.	Wash.	June 15, 1896	20	5	39	23	26	45	7	30
30	Nones, Edward P.....	Ky.	Ky.	June 15, 1896	20	1	25	32	20	40	31	111
31	Amos, Frank P.....	Wis.	Neb.	June 15, 1896	21	0	21	40	38	3	33	115
32	Currie, Dennis H.....	Tex.	Tex.	June 18, 1896	21	11	36	29	15	47	23	78
33	Glade, Herman.....	Ind.	Ind.	June 15, 1896	21	2	19	46	30	36	15	58
34	Frohwitter, Chas. L.J.	Mass.	Mass.	June 15, 1896	21	10	43	27	42	17	4	17
35	Sunderland, Archibald H.	Ill.	Ill.	June 15, 1896	19	6	16	48	41	44	19	73
36	Goethe, James.....	S. C.	S. C.	June 18, 1896	19	4	18	53	43	43	24	83

^a Turned back to join then Fourth Class, Jan. 26, 1897—S. O. No. 19, A. G. O., Jan. 23, 1897.

^b Absent with leave (sick) during Annual Examination, June, 1897, and not examined; joined then Third Class, August 28, 1897.

THIRD CLASS—62 MEMBERS.

<i>Order of general merit.</i>	<i>Names.</i>	<i>Where born.</i>	<i>Appointed from</i>	<i>Date of Admission.</i>	<i>Age at date of Admission.</i>		<i>Order of merit in</i>					
					<i>Years.</i>	<i>Mos.</i>	<i>Mathematics.</i>	<i>French.</i>	<i>Spanish.</i>	<i>Drawing.</i>	<i>Discipline.</i>	<i>Demerit for the year ending May 31, 1898.</i>
37	Allen, Ernest E.....	Mo.	Mo.	June 18, 1896	18	2	33	49	55	14	14	52
38	Hyde, Arthur P. S.....	N. J.	N. Y.	June 15, 1896	20	8	55	34	34	12	18	67
39	Fenner, Raymond H.....	Mont.	Mont.	June 15, 1896	19	8	27	50	45	39	13	49
40	Wilen, John W.....	W. Va.	W. Va.	June 15, 1896	20	5	51	36	25	38	32	113
41	Gleaves, Samuel R.....	Va.	Va.	June 15, 1896	18	2	57	14	23	59	24	83
42	Morey, Lewis S.....	N. Y.	Tex.	June 15, 1896	20	11	30	57	46	37	13	49
43	Comly, George B.....	Tex.	At Large.	June 15, 1896	17	9	59	28	31	7	16	59
44	Soléliac, Louis, Jr.....	N. J.	N. Y.	June 18, 1896	19	1	54	24	29	23	47	182
45	Jackson, Robert F.....	Conn.	Conn.	June 15, 1896	18	6	45	42	44	41	19	73
46	Lane, Ferney G.....	Iowa.	Iowa.	June 18, 1896	20	5	48	43	39	27	29	97
47	Carson, Clifford C.....	Ohio.	Ind.	June 15, 1896	20	2	50	39	49	34	20	74
48	Doyle, Fred C.....	Mass.	Mass.	June 15, 1896	20	8	40	37	47	49	33	115
49	Bowen, Frank S.....	Ohio.	Neb.	June 15, 1896	21	0	52	33	35	52	37	131
50	Brice, Pressley K.....	S. C.	S. C.	June 15, 1896	18	4	47	47	56	56	9	36
51	Robinson, James P....	Kan.	Kan.	June 15, 1896	19	6	49	44	50	35	34	118
52	Prunty, Leonard W....	Kan.	Kan.	June 15, 1896	20	10	44	54	40	53	27	89
53	Perkins, George.....	Wis.	Wis.	June 15, 1896	17	5	42	45	48	32	43	151
54	Dixon, Varien D.....	Ky.	Ky.	June 15, 1896	21	0	53	51	53	31	26	88
55	Rockwell, Verne LaS..	Pa.	Pa.	June 15, 1896	17	4	46	58	58	57	12	48
56	Benjamin, Julian A....	D. C.	At Large.	June 15, 1896	19	5	41	56	52	54	38	134
57	McManus, John.....	Pa.	Pa.	June 15, 1896	21	0	37	59	54	51	46	175
58	McIntyre, Augustine..	Tenn.	Tenn.	June 15, 1896	19	11	56	55	60	48	44	161
59	Harvey, Charles G.....	N. Y.	Mo.	June 18, 1896	20	6	58	52	57	29	49	202
60	Thomas, Richard M....	Pa.	Pa.	June 15, 1896	20	10	60	60	59	58	40	144
a	Baird, George H.....	Kan.	Ill.	June 15, 1896	19	7						113
b	Wilson, Alfred.....	Pa.	Pa.	^b June 19, 1895	19	1						10

- a { Discharged January 25, 1898—S. O. No. 18, A. G. O., January 22, 1898.
Re-appointed February 5, 1898, and granted a leave of absence without pay until August 28, 1898, then to join the Third Class—S. O. No. 31, A. G. O., February 7, 1898.
Absent with leave (sick) during January Examination, 1896, and not examined.
- b { Turned back to join then Fourth Class, July 10, 1896—S. O. No. 159, A. G. O., July 8, 1896.
Absent with leave without pay, from January 11, 1898, until August 28, 1898, upon the condition, that if he is physically disqualified at the expiration of his leave of absence, he shall be discharged—S. O. No. 18, A. G. O., and letter of Adjutant General, January 22, 1898.

FOURTH CLASS—98 MEMBERS.

Order of general merit.	Names.	Where born.	Appointed from	Date of Admission.	Age at date of Admission.		Order of merit in				
					Years.	Mos.	Mathematics.	English.	French.	Discipline.	Demerit for the year ending May 31, 1898.
*1	Johnston, Edward N.	Mo.	Ore.	June 19, 1897	21	2	1	10	4	28	50
*2	Barnes, Joseph F.....	D. C.	D. C.	June 19, 1897	18	9	11	2	2	12	31
*3	Sherrill, Clarence O.....	N. C.	N. C.	June 19, 1897	21	1	3	1	12	24	46
*4	Poole, John H.....	Mich.	Wis.	June 19, 1897	18	8	13	7	7	24	46
*5	Smith, Walter D.....	Md.	Md.	June 19, 1897	21	7	9	12	9	41	67
6	Jordan, Harry B.....	Ky.	Wash.	June 19, 1897	21	4	24	4	16	1	3
7	Lee, Walter H.....	N. C.	N. C.	June 19, 1897	18	10	4	22	14	40	66
8	Browning, William S.	N. Y.	N. Y.	^a June 15, 1896	18	11	15	25	5	17	38
9	Jewett, Henry C.....	N. Y.	N. Y.	June 18, 1897	18	2	5	10 ²	8	7	23
10	Spalding, George R....	Mich.	Mich.	June 18, 1897	20	5	2	5	19	57	96
11	Peace, Willis G.....	N. C.	N. C.	^a June 18, 1896	20	9	16	10	6	37	62
12	Van Schaick, Louis J.	N. Y.	N. Y.	^b June 18, 1897	21	11	40	3	10	3	18
13	Lahm, Frank P.....	Ohio.	Ohio.	June 18, 1897	19	7	29	45	1	20	42
14	Willing, Wildurr.....	Miss.	Miss.	June 19, 1897	21	2	10	14	28	27	49
15	Brown, Lewis, Jr.....	R. I.	R. I.	^c June 19, 1897	21	4	14	17	18	33	56
16	West, Eugene R.....	Va.	Va.	June 19, 1897	20	6	20	19	11	32	54
17	Russell, George M.....	N. H.	N. H.	June 19, 1897	19	2	19	35	3	52	86
18	Peek, Ernest D.....	Wis.	Wis.	June 19, 1897	18	7	12	26	47	2	11
19	Carleton, Guy E.....	Mich.	Mo.	June 19, 1897	20	8	8	39	26	38	63
20	Browne, Beverly F....	Va.	Va.	June 18, 1897	17	3	38	20	21	7	23
21	Cox, Creed F.....	Va.	Va.	June 19, 1897	20	0	33	46	15	8	24
22	Keyes, Allen C.....	Ill.	Minn.	June 19, 1897	19	1	43	8	23	13	32
23	Troxel, Orlando C.....	Ill.	Kan.	June 18, 1897	21	7	32	51	17	15	36
24	Bower, Nathaniel E...	Pa.	Pa.	June 18, 1897	18	3	7	47	64	7	23
25	Bryant, Arthur H.....	Ohio.	Conn.	June 19, 1897	19	1	35	9	13	45	74
26	Dent, Elliott J.....	Pa.	Pa.	June 19, 1897	19	8	6	75	25	48	79
27	Prentice, James.....	N. Y.	N. Y.	^d June 15, 1896	21	11	39	38	29	5	20
28	Caples, William G.....	Mo.	Mo.	June 19, 1897	18	10	25	11	46	14	33
29	Ennis, William P.....	Cal.	Large	June 19, 1897	19	5	26	78	24	18	40
30	Sheldon, Rowland C...	N. J.	N. J.	^e June 18, 1897	21	0	60	34	20	19	41
31	Pratt, Raymond S....	Minn.	Minn.	June 18, 1897	19	10	17	28	76	6	21
32	Sterling, Edmund K...	Ohio.	Mich.	June 19, 1897	21	9	37	27	35	22	44
33	Williams, Arthur.....	Ind.	Ind.	June 18, 1897	20	3	42	6	44	25	47
34	Knight, Clarence H....	Ohio.	Fla.	June 18, 1897	17	4	21	42	53	26	48
35	Higbee, Herbert G.....	Iowa.	Iowa.	June 18, 1897	19	9	18	30	65	30	52
36	Guthrie, William L....	Iowa.	Col.	June 28, 1897	21	9	31	16	60	19	41

a Turned back to join the present Fourth Class, Jan. 25, 1898—S. O. No. 18, A. G. O., Jan. 22, 1898.

b Admitted June 15, 1896; resigned May 3, 1897.

c Admitted June 15, 1895; discharged January 26, 1897, for deficiency in Mathematics.

d Turned back to new Fourth Class, and granted a leave of absence until August 28, 1897, when he will then join the class—S. O. No. 145, A. G. O., June 23, 1897.

e Admitted June 15, 1895; resigned October 24, 1896.

FOURTH CLASS—98 MEMBERS.

<i>Order of general merit.</i>	<i>Names.</i>	<i>Where born.</i>	<i>Appointed from</i>	<i>Date of Admission.</i>	<i>Age at date of Admission.</i>		<i>Order of merit in</i>				<i>Demerit for the year ending May 31, 1898.</i>
					<i>Years.</i>	<i>Mos.</i>	<i>Mathematics.</i>	<i>English.</i>	<i>French.</i>	<i>Discipline.</i>	
37	Shinkle, Edward M....	Ohio.	Ohio.	June 19, 1897	19	5	47	31	34	31	53
38	Mitchell, Henry E.....	N. Y.	Large	June 19, 1897	18	10	72	24	30	27	49
39	Hayden, Ralph N.....	N. Y.	N. Y.	June 19, 1897	18	3	66	29	27	35	59
40	Clark, Francis W.....	Kan.	Ill.	June 19, 1897	19	7	27	61	67	6	21
41	Smith, Philip S.....	Neb.	Neb.	June 18, 1897	20	0	22	79	36	38	63
42	Bettison, William R...	Ky.	Ky.	June 19, 1897	21	2	44	18	43	41	67
43	Burnett, Charles.....	Tenn.	Ill.	June 19, 1897	19	8	71	13	55	16	37
44	Murphy, John B.....	Neb.	Ind.	Aug. 31, 1897	19	10	23	23	62	53	88
45	Platt, William P.....	N. C.	N. C.	June 18, 1897	21	9	30	62	54	33	56
46	Maybach, Alfred A.....	Ohio.	Ohio.	June 18, 1897	21	6	46	41	57	26	48
47	Riggs, Kerr T.....	Ky.	Ky.	June 19, 1897	17	1	54	25	40	47	78
48	Oliver, Prince A.....	Pa.	Pa.	Aug. 31, 1897	21	0	53	60	52	20	42
49	Fryer, Eli T.....	N. J.	N. J.	June 19, 1897	18	10	56	48	51	33	56
50	Meyer, Henry A., Jr...	Ark.	Ark.	June 19, 1897	19	11	50	64	37	43	70
51	Symington, John.....	N. M.	N. M.	June 19, 1897	20	6	82	50	45	14	33
52	Robinson, Gordon.....	La.	La.	June 19, 1897	20	9	79	70	31	35	59
53	Tidball, William.....	Va.	At Large.	^a June 15, 1896	20	6	28	68	32	66	133
54	Mueller, Albert H.....	Ill.	Ill.	June 19, 1897	21	11	41	59	48	50	82
55	Naylor, Charles J.....	Pa.	Pa.	June 19, 1897	21	9	59	72	22	62	108
56	Brewster, Alden F.....	Ill.	Wis.	June 19, 1897	19	11	49	49	56	44	72
57	Dougherty, Henry M...	Pa.	N. Y.	June 19, 1897	19	5	45	37	71	49	80
58	Haskell, William N.....	N. Y.	N. Y.	June 19, 1897	18	10	73	66	70	9	25
59	Cooley, William M.....	Mich.	Mich.	June 19, 1897	21	11	64	32	75	42	69
60	Kent, Guy.....	Wyo.	Wyo.	June 19, 1897	19	8	78	36	66	34	58
61	Canfield, Edward, Jr...	N. Y.	N. Y.	June 18, 1897	17	1	36	86	68	46	76
62	Furnival, Richard.....	Pa.	N. Y.	June 19, 1897	19	4	67	57	41	56	92
63	Smith, Walter H.....	Ga.	Ga.	June 19, 1897	17	9	65	44	58	51	83
64	Mangum, Wiley P., Jr.	Tex.	Tex.	June 18, 1897	19	0	48	82	84	10	27
65	Beck, Robert T.....	Md.	R. I.	June 19, 1897	18	1	62	69	73	36	60
66	Eby, Charles McH.....	Pa.	Pa.	June 19, 1897	21	4	74	40	49	54	89
67	Gregory, Daniel D.....	Ill.	Mo.	June 19, 1897	21	10	52	77	33	65	131
68	Brigham, Claude E.....	Ind.	Ind.	June 19, 1897	19	2	69	58	74	45	74
69	Maguire, Charles L.....	Iowa.	Mo.	June 19, 1897	19	5	51	68	78	46	76
70	Nelly, Henry M.....	W. Va.	W. Va.	June 18, 1897	19	6	75	43	85	21	43
71	Lee, George M.....	Va.	Va.	^b June 19, 1897	19	10	83	21	50	61	106
72	Keller, Frank.....	Ill.	Mo.	June 18, 1897	18	7	81	74	72	32	54

^a Turned back to join the present Fourth Class, Jan. 25, 1898—S. O. No. 18, A. G. O., Jan. 22, 1898.

^b Admitted June 15, 1896; discharged January 19, 1897, for deficiency in Mathematics.

FOURTH CLASS—98 MEMBERS.

<i>Order of general merit.</i>	<i>Names.</i>	<i>Where born.</i>	<i>Appointed from</i>	<i>Date of Admission.</i>	<i>Age at date of Admission.</i>		<i>Order of merit in</i>				<i>Demerit for the year ending May 31, 1898.</i>
					<i>Years.</i>	<i>Mos.</i>	<i>Mathematics.</i>	<i>English.</i>	<i>French.</i>	<i>Discipline.</i>	
73	Berry, John A	N. J.	N. J.	June 19, 1897	17	4	77	111	42	39	64
74	De Armond, Edward H	Mo.	Mo.	June 18, 1897	18	11	55	55	79	60	103
75	Pearson, John A	Tenn.	Tenn.	June 19, 1897	20	7	57	91	59	58	99
76	Lynch, Arthur J.....	N. Y.	N. Y.	June 19, 1897	21	8	58	104	63	55	91
77	Harlee, William C.....	Fla.	Fla.	June 19, 1897	20	0	63	63	38	67	144
78	Jordan, Richard H....	Va.	Va.	June 19, 1897	19	9	90	100	39	4	19
79	Deen, Fred L	Tex.	Tex.	June 18, 1897	18	3	68	73	61	63	111
80	Pike, Emory J.....	Iowa.	Iowa.	June 19, 1897	20	6	84	53	77	59	100
81	Müller, Carl H.....	Tex.	Tex.	June 19, 1897	18	3	76	116	82	50	82
82	Enos, Copley	N. Y.	N. Y.	June 18, 1897	21	3	61	88	86	64	115
83	Griffith, Fredk D., Jr.	Cal.	Cal.	June 19, 1897	17	2	88	101	83	39	64
84	Evans, Ernest E.....	Ohio.	Ohio.	June 19, 1897	18	8	89	33	69	68	158
‡	Amos, Frank C.....	Ohio.	Ohio.	June 19, 1897	20	1	Def	80	81	30	52
†	Cleveland, John A	Ala.	Ala.	June 18, 1897	21	3	87	54	Def	37	62
‡	Coleman, Paul B.....	Mo.	Mo.	June 19, 1897	21	0	Def	56	Def	69	177
†	Goodspeed, Nelson A..	Vt.	Vt.	June 19, 1897	21	1	70	81	Def	41	67
†	Linton, Raymond A...	Mich.	Mich.	Sept. 1, 1897	17	0	85	83	Def	23	45
†	McClellan, Benjamin F	Miss.	La.	June 19, 1897	17	11	34	76	Def	29	51
†	Perry, Charles S.....	Iowa.	Iowa.	June 19, 1897	20	2	80	89	Def	42	69
‡	Powell, Walbridge H..	Mo.	Mo.	June 19, 1897	18	3	Def	112	Def	64	115
‡	Small, Deane B.....	Me.	Me.	June 19, 1897	18	2	86	93	Def	56	92
‡	Stacy, Eugene C.....	Ohio.	Ohio.	June 19, 1897	21	11	Def	103	80	35	59
‡	Walker, Isaac C.....	N. Y.	Ohio.	June 19, 1897	18	9	Def	110	Def	11	28
a	Haskell, Ernest E.....	Mass.	Mass.	June 15, 1896	19	9					6
b	Stevenson, William L.	Mich.	Mich.	June 18, 1897	20	7					65
c	Gutierrez, Carlos.....	Salvador.	Salvador.	Aug. 31, 1897	17	0				14	33

a Turned back to join the present Fourth Class, January 25, 1898, and granted a leave of absence until August 23, 1898, when he will join the then Third Class.

b Not examined. Absent with leave (sick) during Annual Examination, June, 1898.

c Not examined. Receiving instruction under the provisions of a Joint Resolution of Congress, approved June 18, 1897.

CADETS ADMITTED IN AUGUST AND SEPTEMBER, 1897.

<i>Number.</i>	<i>Names.</i>	<i>Where born</i>	<i>Appointed from</i>	<i>Date of Admission.</i>	<i>Age at date of Admission.</i>	
					<i>Yrs.</i>	<i>Mos.</i>
1	*Gutierrez, Carlos	Salvador.	Salvador.	..... August 31.....	17	0
2	Murphy, John Burke.....	Neb.	Ind.	..... August 31.....	19	10
3	Oliver, Prince Albert	Pa.	Pa.	..... August 31.....	21	0
4	Watts, Harry Temple.....	Iowa.	Ind.	..... August 31.....	21	8
5	Linton, Raymond Aaron.....	Mich.	Mich.	..... Sept. 1.....	17	0

* Receiving instruction under the provisions of a Joint Resolution of Congress, approved June 18, 1897.

CADETS ADMITTED JUNE, 1898.

Number.	Names.	Where born.	Appointed from	Date of Admission.	Age at date of Admission.	
					Years.	Mos.
1	Abbot, Stephen.....	Ill.	Ill.	... June 20 ...	19	6
2	Albert, Sigmund Selig.....	Pa.	Pa.	... June 20 ...	17	7
3	Aleshire, Olan Cecil.....	Ill.	Ill.	... June 20 ...	20	0
4	Allen, Charles Martin.....	Ohio.	Ohio.	... June 20 ...	17	6
5	Alvord, Dean.....	Pa.	Pa.	... June 20 ...	19	8
6	Amerine, William Henry.....	Ala.	Ala.	... June 20 ...	19	0
7	Apfel, Charles Lionel.....	Austria.	N. Y.	... June 18 ...	19	8
8	Barlow, Stephen Morris.....	Conn.	Wis.	... June 20 ...	20	6
9	Barry, John Burke Alexander	Tenn.	Tenn.	... June 18 ...	18	5
10	Bell, James Franklin.....	Pa.	Pa.	... June 18 ...	21	7
11	Booz, Oscar Lyle.....	Pa.	Pa.	... June 20 ...	18	11
12	Boswell, Walter Osgood.....	Ga.	Ga.	... June 20 ...	20	6
13	Bower, David Henry.....	Iowa.	Iowa.	... June 18 ...	21	3
14	Bowlby, Henry Lee.....	Neb.	Neb.	... June 18 ...	18	5
15	Boyd, Carl.....	Ga.	Ga.	... June 18 ...	19	5
16	*Boyers, Robert Emlen.....	Ohio.	Ohio.	... June 20 ...	21	6
17	Brooke, Mark.....	S. C.	Pa.	... June 20 ...	21	10
18	Bull, Edmund Llewellyn.....	N. Y.	N. J.	... June 18 ...	20	1
19	Burnam, Anthony Rollins, Jr.....	Ky.	Ky.	... June 18 ...	17	6
20	Carpenter, Wade Hampton.....	S. C.	S. C.	... June 20 ...	21	8
21	Casad, Adam Floy.....	Ind.	Kan.	... June 20 ...	20	4
22	Clark, Charles Bryant.....	Ky.	Ky.	... June 20 ...	19	7
23	Colvin, William Mechling.....	Mo.	Pa.	... June 20 ...	21	7
24	Cooper, Hiram Marshal.....	N. C.	Ga.	... June 18 ...	21	3
25	Cowles, William Henry.....	Kan.	N. C.	... June 20 ...	20	1
26	Crissy, Myron Sidney.....	Mich.	Mich.	... June 18 ...	19	5
27	Davis, William Moragnè.....	Ga.	Ga.	... June 20 ...	17	7
28	Devall, James Wilmer.....	La.	La.	... June 18 ...	18	0
29	*Doyle, John Riordan.....	Pa.	Pa.	... June 20 ...	20	6
30	Foley, Oscar.....	Mo.	Mo.	... June 18 ...	19	8
31	*Foster, Victor Sidney.....	La.	Tex.	... June 20 ...	19	0
32	Frankenberger, Samuel.....	W. Va.	W. Va.	... June 20 ...	19	2
33	Franklin, John Francis.....	Tenn.	Tenn.	... June 20 ...	18	10
34	Frazier, Laurence Verner.....	Wis.	Wis.	... June 20 ...	18	3
35	Free, Charles Omer.....	Ind.	Ind.	... June 18 ...	21	6
36	Gibert, John Maury.....	Miss.	Miss.	... June 20 ...	18	7

a Admitted June 19, 1897; resigned January 30, 1898.

b Admitted June 18, 1897; resigned January 5, 1898.

c Admitted June 19, 1897; discharged January 25, 1898, for deficiency in Mathematics.

CADETS ADMITTED JUNE, 1898.

<i>Number.</i>	<i>Names.</i>	<i>Where born.</i>	<i>Appointed from</i>	<i>Date of Admission.</i>	<i>Age at date of Admission.</i>	
					<i>Years.</i>	<i>Mos.</i>
37	Gough, Roger Donald.....	Ind.	Ind.	... June 18 ...	17	7
38	Harrell, William Franklin.....	S. C.	S. C.	... June 18 ...	18	10
39	Herr, John Knowles.....	N. J.	N. J.	... June 20 ...	19	9
40	Hinrichs, Frederic William, Jr.....	N. Y.	N. Y.	... June 20 ...	19	8
41	Hobson, James Marcellus, Jr.....	Ala.	Ala.	... June 20 ...	21	6
42	Hodges, Harry Lumsden.....	Va.	Va.	... June 20 ...	18	2
43	Horton, William Herbert, Jr.....	Tenn.	Tenn.	... June 20 ...	20	2
44	Hutzler, Louis Sonneborn.....	Md.	Md.	... June 18 ...	17	6
45	Jennings, Charles Howard.....	Conn.	Conn.	... June 20 ...	20	7
46	Keller, Traugott Francis.....	N. Y.	N. Y.	... June 20 ...	19	3
47	Krumm, Herbert Zettler.....	Ohio.	Ohio.	... June 18 ...	20	1
48	Longley, Francis Fielding.....	Ill.	Mich.	... June 20 ...	18	8
49	Mahaffey, Birchie Oliver.....	Tex.	Tex.	... June 20 ...	21	0
50	McCain, William Alexander.....	Miss.	Miss.	... June 20 ...	19	10
51	McGinness, John Richard.....	Ohio.	Ohio.	... June 20 ...	19	9
52	Miller, Benjamin Franklin.....	Va.	Va.	... June 18 ...	17	11
53	Miller, Troup.....	Ga.	Ga.	... June 18 ...	19	4
54	Mitchell, William Augustus.....	Ala.	Ga.	... June 20 ...	20	7
55	Moran, Edward Jay.....	N. Y.	N. Y.	... June 18 ...	20	10
56	*Morgan, Gad.....	N. Y.	N. Y.	... June 20 ...	21	0
57	Morrison, William Francis.....	Iowa.	Iowa.	... June 18 ...	17	3
58	Munroe, John Epps.....	Mass.	Mass.	... June 20 ...	17	5
59	Nelson, Earl Alexander.....	Ill.	N. D.	... June 18 ...	20	3
60	Norton, David Watterson.....	Ohio.	Kan.	... June 20 ...	21	11
61	Oldham, Edward Lindsay.....	Tenn.	Tenn.	... June 20 ...	20	7
62	Pegram, John Cargill.....	Va.	Va.	... June 20 ...	17	4
63	Phillips, Burt Wellington.....	Ohio.	Ohio.	... June 18 ...	20	1
64	Ralston, Robert Ross.....	Pa.	Pa.	... June 20 ...	20	3
65	Rehkopi, Ned Bernard.....	Iowa.	Iowa.	... June 18 ...	20	9
66	Rieh, Charles Henry.....	Me.	Mass.	... June 18 ...	21	9
67	Robertson, Samuel Wilson.....	Miss.	Miss.	... June 20 ...	18	6
68	Rodney, Dorsey Read.....	Del.	Del.	... June 25 ...	18	0
69	Rozelle, George Francis, Jr.....	Ark.	Ark.	... June 18 ...	20	5
70	^b Rudolph, Aaron Hoard.....	Pa.	Pa.	... June 18 ...	18	5
71	Russell, William Cissua.....	Ill.	Ill.	... June 24 ...	17	9
72	Schellberg, Leo Eugene.....	Ore.	Ore.	... June 18 ...	21	0

^a Admitted June 19, 1897; resigned January 30, 1898.

^b Admitted June 18, 1897; resigned December 14, 1897.

CADETS ADMITTED JUNE, 1898.

Number.	Names.	Where born.	Appointed from	Date of Admission.	Age at date of Admission.	
					Years.	Mos.
73	Scott, Edmond Merritt.....	Me.	Me.	... June 18 ...	17	6
74	Shallenberger, William Arthur.....	Pa.	Pa.	... June 18 ...	20	2
75	Shannon, James Andrew.....	Minn.	Minn.	... June 20 ...	19	1
76	Sheridan, Philip Henry.....	Ill.	Large	... June 20 ...	17	11
77	Smith, Andrew William.....	Pa.	Pa.	... June 18 ...	20	4
78	Smith, Thos. Babington Franklin..	Ky.	Ill.	... June 18 ...	21	1
79	^a Sprague, Ralph Joshua.....	N.Y.	N.Y.	... June 20 ...	21	3
80	Stewart, Gilbert Henry.....	Kan.	N. Y.	... June 20 ...	19	7
81	Strong, Henry Taft.....	Mass.	Mass.	... June 20 ...	18	6
82	^b Stubbs, James Batop, Jr.....	Tex.	Tex.	... June 20 ...	20	2
83	^c Taulbee, Joseph Fulton.....	Ky.	Ky.	... June 20 ...	21	8
84	Telford, Charles.....	Utah.	Utah.	... June 20 ...	20	5
85	Terrell, John Preston.....	N.Y.	N.Y.	... June 18 ...	18	2
86	Tyler, Orville Norris.....	Md.	Md.	... June 20 ...	18	5
87	Valliant, Rigby Dewoody.....	Ark.	Ark.	... June 18 ...	18	6
88	Vernon, Stephen Barker.....	Italy.	N.Y.	... June 18 ...	18	3
89	West, George Whitfield.....	Tenn.	Tenn.	... June 20 ...	17	11
90	Williams, Richard Peters.....	Ga.	Ariz.	... June 18 ...	19	0
91	Williams, William Howell.....	N. Y.	N. Y.	... June 18 ...	17	4
92	Wilson, Walter King.....	Tenn.	Tenn.	... June 20 ...	17	8
93	^d Zane, Edmund Loughborough.....	Cal.	Cal.	... June 18 ...	20	5

^a Admitted June 29, 1897; discharged January 25, 1898, for deficiency in Mathematics.

^b Admitted June 19, 1897; discharged January 25, 1898, for deficiency in Mathematics.

^c Admitted June 19, 1837; discharged January 25, 1898, for deficiency in English.

^d Admitted June 19, 1897; discharged January 25, 1898, for deficiency in Mathematics.

GENERAL MERIT ROLL
OF THE
GRADUATING CLASS
OF
1898.

GENERAL MERIT ROLL OF THE GRADUATING CLASS OF 1898.

Class Rank.	Names.	MERIT IN													General Merit.	Recommended for promotion in—	
		Mathematics.	English.	French.	Natural and Experimental Philosophy.	Chemistry, Chemical Physics, Mineralogy and Geology.	Drill Regulations.	Drawing.	Civil and Military Engineering.	History.	Spanish.	Law.	Ordnance and Gunnery.	Practical Military Engineering.			Discipline.
	Maximum in each branch.	400.0	50.0	150.0	300.0	225.0	100.0	125.0	300.0	100.0	85.0	150.0	150.0	45.0	200.0	2380.0	
1	Boggs, Frank C., Jr.....	397.3	49.6	147.0	300.0	223.8	100.0	125.0	300.0	100.0	74.8	150.0	150.0	45.0	195.7	2358.2	Engineers, Ordnance, Artillery, Cavalry or Infantry.
2	Smith, Clarke S.....	375.2	44.6	138.1	290.3	216.0	96.8	121.3	291.4	98.9	76.5	144.1	148.4	42.4	191.3	2275.3	
3	Wooten, William P.....	397.6	50.0	150.0	297.7	223.7	97.8	105.6	294.9	90.8	85.0	147.6	145.1	44.0	139.5	2268.3	
4	Brown, Lytle.....	392.5	49.3	124.6	289.9	220.0	86.7	119.5	284.5	95.4	57.1	127.6	138.2	43.4	171.5	2200.2	
5	Kerr, Robert D.....	387.3	33.3	100.7	290.0	216.1	91.1	108.9	293.1	94.3	72.3	145.2	144.6	41.9	165.3	2184.1	
6	Brown, Earl I.....	343.5	45.7	145.5	277.0	203.7	81.6	73.5	279.4	89.7	82.5	133.1	140.0	33.6	174.6	2103.4	
7	Fries, Amos A.....	351.9	39.5	102.2	267.0	208.4	82.7	109.0	284.5	88.5	70.6	139.0	141.4	41.4	175.5	2101.6	
8	McCloskey, Manus.....	340.7	43.8	135.1	242.4	209.8	94.8	99.3	241.4	87.4	81.6	102.1	138.0	39.8	199.7	2055.9	
9	Stephens, John E.....	381.4	48.9	144.0	257.0	198.4	89.6	83.9	246.5	82.8	84.2	101.0	113.0	36.7	174.9	2042.3	
10	Merrill, Thomas E.....	345.7	47.5	141.0	260.6	208.3	78.6	100.6	220.7	72.4	74.0	118.6	123.4	44.5	170.9	2006.8	
11	Kerth, Monroe C.....	362.7	44.2	103.7	253.4	187.1	89.1	105.2	265.5	65.5	57.9	121.4	134.5	42.9	170.2	2003.3	Ordnance, Artillery, Cavalry or Infantry.
12	Munton, Charles H.....	344.8	26.1	142.5	275.5	195.6	88.8	69.9	262.1	81.6	79.1	127.3	128.8	38.8	140.2	2001.1	
13	Nugent, George A.....	308.7	38.1	118.7	242.0	200.8	95.5	98.5	241.4	97.7	68.9	145.8	132.8	29.5	178.6	1997.0	
14	Hamilton, William W.....	338.0	41.0	66.4	257.7	179.6	86.6	83.3	260.3	86.2	58.8	120.7	142.6	37.8	181.7	1940.7	
15	Ottwell, Curtis W.....	331.9	40.6	127.6	238.6	150.9	96.6	97.3	260.4	73.6	73.2	112.7	129.3	30.5	175.5	1938.7	
16	Cole, William E.....	339.0	46.0	117.2	245.3	176.2	76.5	56.7	267.2	70.1	60.5	120.3	99.1	39.3	179.8	1893.2	
17	Conner, Fox.....	328.4	34.8	99.3	276.7	192.2	92.4	56.8	263.8	79.3	46.9	121.7	114.6	26.4	144.5	1877.8	
18	Butner, Henry W.....	372.0	34.1	84.3	273.1	188.0	87.0	88.1	217.2	66.7	39.3	89.6	129.1	21.2	160.6	1850.3	
19	Meade, Francis K.....	378.1	37.0	91.8	265.0	174.0	88.1	63.7	260.4	59.8	54.5	90.3	109.4	19.1	153.8	1845.0	
20	Spinks, Marcellus G.....	336.7	32.3	67.9	241.7	162.3	94.2	123.1	244.8	50.6	35.9	85.9	117.8	25.3	173.0	1791.5	
21	Jordan, Lambert W., Jr.....	281.9	45.3	132.1	210.8	173.1	87.2	85.7	143.1	85.1	75.7	114.4	111.3	37.2	192.2	1775.1	Artillery, Cavalry or Infantry.
22	Johnson, Jacob C.....	262.4	37.7	130.6	206.5	167.6	74.3	106.0	151.7	92.0	83.3	114.8	114.3	34.7	185.1	1761.0	
23	Newbold, Henry L.....	316.1	31.9	115.7	216.9	161.8	89.9	84.9	196.5	93.1	66.4	104.9	100.9	25.9	155.3	1760.2	
24	Nesbitt, William F.....	300.0	35.2	133.6	216.8	169.3	77.1	94.1	205.2	67.8	78.2	94.5	86.6	40.9	156.0	1755.3	
25	Gowen, James B.....	298.8	39.9	109.7	192.8	130.8	88.0	60.9	205.2	96.6	67.2	131.4	126.6	33.1	174.6	1745.4	
26	Miller, Harvey W.....	201.7	42.8	121.6	183.8	181.7	91.8	81.8	210.3	64.4	80.0	105.5	120.0	31.6	190.7	1717.7	
27	Bricker, Edwin D.....	330.5	29.0	76.9	210.9	134.9	84.4	117.0	212.1	58.6	41.0	91.4	123.2	27.9	166.8	1704.6	

28	Maginnis, Thomas F.....	267.6	31.5	81.1	264.8	190.1	72.0	64.6	224.2	55.2	35.2	80.7	104.3	40.3	138.9	1650.5
29	Fiscus, William W., Jr.....	278.3	45.7	148.5	178.4	136.6	88.2	94.4	113.7	78.2	71.5	116.2	88.3	21.7	152.6	1612.3
30	Scott, Ernest D.....	257.9	27.6	96.3	196.5	116.4	68.4	97.0	225.8	74.7	52.8	109.0	87.7	23.8	160.0	1593.9
31	Berry, Daniel G.....	237.6	47.8	112.7	174.2	160.0	65.0	48.8	184.4	77.0	63.8	139.4	89.8	19.7	160.6	1580.8
32	Benchley, Edmund N.....	257.6	48.2	120.1	220.5	114.1	81.9	42.5	177.6	80.6	61.3	126.6	89.4	15.5	131.5	1577.4
33	Craig, Malin.....	221.6	38.4	129.1	160.1	131.9	72.7	75.7	177.6	75.9	68.1	114.8	86.2	35.2	185.4	1572.7
34	Hammond, Harold.....	287.5	23.2	75.4	219.0	146.1	79.9	113.3	206.9	41.4	40.1	78.3	91.5	34.1	117.2	1553.9
35	Ingram, Ralph E.....	238.8	30.5	136.6	201.9	123.5	65.5	60.5	194.9	48.3	77.4	58.2	85.3	36.2	188.5	1546.1
36	Davis, Robert C.....	218.1	39.1	126.1	197.6	102.2	85.5	56.6	120.7	83.9	69.8	118.3	94.6	32.6	192.2	1537.3
37	Janda, Joseph F.....	239.9	23.9	97.8	230.5	162.4	71.5	69.1	179.3	60.9	46.1	91.4	91.9	22.8	149.5	1537.0
38	Read, Alvan C.....	234.1	47.1	123.1	179.6	153.0	81.4	51.3	163.8	63.2	59.6	131.4	105.9	26.9	111.0	1531.4
39	Welborn, Ira C.....	247.3	20.3	64.9	182.0	155.6	95.2	84.5	196.6	37.9	44.4	64.2	102.7	35.7	158.4	1489.7
40	Churchman, Clarke.....	181.8	41.7	90.3	186.4	150.0	74.7	59.4	160.4	71.3	55.4	135.1	104.0	17.1	125.3	1452.9
41	Lyle, David E. W.....	208.0	43.1	87.3	146.5	134.0	72.0	101.2	193.1	62.1	49.5	89.7	75.9	24.8	133.6	1420.8
42	Williams, Alexander E.....	268.6	27.2	61.9	165.4	106.7	73.8	72.6	215.5	40.2	50.3	64.2	58.6	31.0	158.1	1394.1
43	Walton, Romulus F.....	246.7	21.0	60.4	192.6	112.5	73.9	46.3	206.9	52.9	34.2	79.6	85.8	28.4	137.4	1378.6
44	Exton, Charles W.....	185.9	34.4	73.9	114.5	125.7	87.6	102.0	194.8	42.5	52.0	73.7	75.2	38.3	171.5	1372.0
45	Henry, Guy V., Jr.....	162.0	25.7	54.5	114.9	113.8	95.8	77.8	227.6	49.4	29.1	73.1	98.7	32.1	102.6	1347.1
46	Martin, Edward H.....	167.9	40.2	111.2	139.7	95.9	63.3	88.6	113.8	51.7	65.5	92.8	71.5	24.3	178.6	1305.0
47	Lafferty, Herbert A.....	251.7	43.5	72.4	141.0	121.9	62.4	114.2	144.8	33.3	47.8	60.0	55.7	18.6	133.0	1900.3
48	Wheeler, David P.....	250.3	31.2	56.0	156.4	100.7	74.6	61.7	169.0	54.0	30.8	64.5	61.6	16.0	165.0	1291.8
49	Babcock, Conrad S.....	224.7	37.3	79.9	159.5	83.8	88.6	63.7	125.8	44.8	51.1	58.6	72.7	22.2	168.1	1280.8
50	Ridenour, Edgar.....	202.7	33.0	50.0	136.5	130.4	75.4	73.2	138.0	57.5	30.0	81.7	70.1	17.6	173.0	1269.1
51	Humphrey, Chauncey B.....	193.8	20.6	85.8	144.1	86.9	70.1	119.8	139.6	39.1	38.5	50.0	74.6	23.3	146.0	1232.2
52	Enochs, Berkeley.....	232.9	19.2	94.8	133.4	93.3	65.7	59.5	151.7	36.8	53.7	55.2	56.1	30.0	120.6	1202.9
53	Murphy, William L.....	226.5	22.5	70.9	121.2	106.9	64.9	93.5	132.7	43.7	36.8	55.8	61.1	18.1	138.3	1192.9
54	Maxey, Robert J.....	211.8	25.0	69.4	143.6	93.6	67.0	68.2	134.5	34.5	33.4	65.8	69.6	20.2	138.3	1174.9
55	Crallé, G Maury.....	168.2	41.3	57.5	126.5	101.2	73.5	54.9	122.4	56.3	31.7	92.1	64.2	20.7	149.5	1160.0
56	Gohn, Joseph F.....	187.2	27.9	59.0	116.9	118.2	68.1	49.1	122.4	47.1	41.8	79.4	66.6	16.6	152.6	1152.9
57	Bradford, James H., Jr.....	156.8	28.3	82.8	113.1	85.5	75.2	76.8	132.8	46.0	42.7	67.2	51.5	27.4	154.4	1140.5
58	Scales, Wallace B.....	168.6	26.8	63.4	157.3	91.9	60.8	45.1	100.0	69.0	48.6	61.8	54.0	29.0	88.7	1065.0
59	Stone, David L.....	139.9	35.5	88.8	109.5	95.2	67.3	45.3	105.1	35.6	43.5	60.4	53.0	15.0	147.0	1041.1

Artillery,
Cavalry or
Infantry.

Cavalry or
Infantry.

*LIST OF DISTINGUISHED CADETS REPORTED AT
THE ANNUAL EXAMINATION, 1898.*

<i>Number.</i>	<i>Names.</i>	<i>Where born.</i>	<i>Appoint- ed from</i>	<i>Science and Art in which each Cadet particularly excels.</i>
FIRST CLASS.				
1	Boggs, Frank C., Jr.	N. J.	Pa.	Civil and Military Engineering and Science of War, Law, History, Ordnance and Gunnery, Drill Regulations, Practical Military Engineering, Natural and Experimental Philosophy, Chemistry, Chemical Physics, Mineralogy and Geology, Drawing, Mathematics, English, and French.
2	Smith, Clarke S.	Ill.	Ill.	Civil and Military Engineering and Science of War, Law, History, Ordnance and Gunnery, Drill Regulations, Practical Military Engineering, Natural and Experimental Philosophy, Chemistry, Chemical Physics, Mineralogy and Geology, Drawing, Mathematics, and French.
3	Wooten, William P.	N.C.	N.C.	Civil and Military Engineering and Science of War, Law, History, Ordnance and Gunnery, Drill Regulations, Practical Military Engineering, Natural and Experimental Philosophy, Chemistry, Chemical Physics, Mineralogy and Geology, Mathematics, English, French, and Spanish.
4	Brown, Lytle.	Tenn.	Tenn.	Civil and Military Engineering and Science of War, History, Ordnance and Gunnery, Practical Military Engineering, Natural and Experimental Philosophy, Chemistry, Chemical Physics, Mineralogy and Geology, Drawing, Mathematics, and English.
5	Kerr, Robert D.	W. Va.	W. Va.	Civil and Military Engineering and Science of War, Law, History, Ordnance and Gunnery, Practical Military Engineering, Natural and Experimental Philosophy, Chemistry, Chemical Physics, Mineralogy and Geology, Mathematics.

*LIST OF DISTINGUISHED CADETS REPORTED AT
THE ANNUAL EXAMINATION, 1898.*

Number.	Names.	Where born.	Appointed from	Science and Art in which each Cadet particularly excels.
SECOND CLASS.				
1	Kelly, William.....	N. Y.	Wis.	Natural and Experimental Philosophy, Chemistry, Chemical Physics, Mineralogy and Geology, Drill Regulations, and Drawing.
2	Woodruff, James A.....	Mont.	Vt.	Natural and Experimental Philosophy, Chemistry, Chemical Physics, Mineralogy and Geology, Drill Regulations, and Drawing.
3	Rand, Lewis H.....	N. J.	N. J.	Natural and Experimental Philosophy, Chemistry, Chemical Physics, Mineralogy and Geology, and Drill Regulations.
4	Jackson, Thomas H.....	Canada.	Mich.	Natural and Experimental Philosophy, Chemistry, Chemical Physics, Mineralogy and Geology, and Drill Regulations.
5	Markham, Edward M.....	N. Y.	N. Y.	Natural and Experimental Philosophy, and Drill Regulations.
THIRD CLASS.				
1	Adams, Edward M.....	Mich.	Mass.	Mathematics, French, Spanish, and Drawing.
2	Pillsbury, George B.....	Mass.	Mass.	Mathematics, French, Spanish, and Drawing.
3	Lukesh, Gustave R.....	Ohio.	Ohio.	Mathematics, French, Spanish, and Drawing.
4	Slattery, John R.....	Ohio.	Ohio.	French, and Spanish.
5	Pope, Francis A.....	Iowa.	Kan.	Mathematics, French, and Spanish.
FOURTH CLASS.				
1	Johnston, Edward N.....	Mo.	Ore.	Mathematics, and French.
2	Barnes, Joseph F.....	D. C.	D. C.	English, and French.
3	Sherrill, Clarence O.....	N. C.	N. C.	Mathematics, and English.
4	Poole, John H.....	Mich.	Wis.	English, and French.
5	Smith, Walter D.....	Md.	Md.	Mathematics, and French.

NOTE.—The Cadets in each Class reported as “distinguished” are the first five according to class rank. Only the subjects in which the Cadet stands above tenth are mentioned.

CASUALTIES.

Resigned (6).

Albery, Herman W.....	4th Class.....	March	21, 1898.
Boyers, Robert E.....	4th Class.....	January	30, 1898.
Doyle, John R.....	4th Class.....	January	5, 1898.
Fleming, James J., Jr.....	4th Class.....	December	8, 1897.
Morgan, Gad.....	4th Class.....	January	30, 1898.
Rudolph, Aaron H.....	4th Class.....	December	14, 1897.

Discharged (48).

Chambliss, Nathaniel R., Jr.....	2d Class.....	June	23, 1898.
*Baird, George H.....	3d Class.....	January	25, 1898.
Bolton, Jesse S.....	3d Class.....	September	11, 1897.
Callison, Franklin L.....	3d Class.....	January	25, 1898.
Davis, Frank E.....	3d Class.....	January	25, 1898.
Downes, Edward E.....	3d Class.....	January	25, 1898.
Frost, William C.....	3d Class.....	January	25, 1898.
Glynn, Henry R.....	3d Class.....	January	25, 1898.
Hunter, Thomas M.....	3d Class.....	January	25, 1898.
Joseph, Irving J.....	3d Class.....	January	25, 1898.
Simmons William P.....	3d Class.....	January	25, 1898.
Van Der Veer, Thomas M.....	3d Class.....	January	25, 1898.
Amos, Frank C.....	4th Class.....	June	23, 1898.
Arnold, Clifton P.....	4th Class.....	March	21, 1898.
Bell, Henry A.....	4th Class.....	January	25, 1898.
Beyer, Emil.....	4th Class.....	January	25, 1898.
Bond, Daniel, Jr.....	4th Class.....	January	25, 1898.
Breth, John E.....	4th Class.....	January	25, 1898.
Buck, William P.....	4th Class.....	January	25, 1898.
Coleman, Paul B.....	4th Class.....	June	23, 1898.
Cowan, John K.....	4th Class.....	January	25, 1898.
Dinsmore, Paul A.....	4th Class.....	January	25, 1898.
Foster, Victor S.....	4th Class.....	January	25, 1898.
Ham, Elmer L.....	4th Class.....	January	25, 1898.
Hurt, Marshall H.....	4th Class.....	March	21, 1898.
Kay, Joseph C.....	4th Class.....	March	21, 1898.
Koopman, Gustave.....	4th Class.....	January	25, 1898.
Larkin, William F.....	4th Class.....	January	25, 1898.
Motlow, William G.....	4th Class.....	January	25, 1898.
Morrissett, Allen F.....	4th Class.....	March	21, 1898.
Mould, William E.....	4th Class.....	January	25, 1898.
Newman, Oliver P.....	4th Class.....	January	25, 1898.
Powell, Walbridge H.....	4th Class.....	June	23, 1898.
Roth, Robert F.....	4th Class.....	March	21, 1898.
Shipp, Wade H.....	4th Class.....	January	25, 1898.
Small, Deane B.....	4th Class.....	June	23, 1898.
Sprague, Ralph J.....	4th Class.....	January	25, 1898.
Stacy, Eugene C.....	4th Class.....	June	23, 1898.
Stannard, Joseph H.....	4th Class.....	January	25, 1898.
Stewart, David E.....	4th Class.....	January	25, 1898.
Stubbs, James B., Jr.....	4th Class.....	January	25, 1898.
Taulbee, Joseph F.....	4th Class.....	January	25, 1898.
Telford, Omar F.....	4th Class.....	January	25, 1898.
Walker, Isaac C.....	4th Class.....	June	23, 1898.
Walker, Wayne McJ.....	4th Class.....	January	25, 1898.
Watts, Harry T.....	4th Class.....	January	25, 1898.
Woolery, Mark D.....	4th Class.....	January	25, 1898.
Zane, Edmund L.....	4th Class.....	January	25, 1898.

*Re-appointed February 5, 1898.

Battalion Organization.

JUNE 30, 1898.

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 the second class; and the corporals from the third class.

"A."

"B."

"C."

"D."

CAPTAINS.

J. A. WOODRUFF,¹C. A. ROMEYN,³F. C. JEWELL,⁴C. C. CARTER.⁵

LIEUTENANTS.

A. B. PUTNAM, *Adjutant.*W. KELLY, *Quartermaster.*I. L. HUNT,¹C. M. BUNDEL,⁵F. B. KERR,²G. V. H. MOSELEY,³R. S. GRANGER,⁶H. B. CLARK,⁷G. S. SIMONDS,⁸H. W. SCHULL,⁴A. E. WALDRON,¹²C. A. TROTT,¹⁰E. M. MARKHAM,¹¹H. B. FARRAR.⁹L. S. MOREY, *Sergeant-Major.*G. B. COMLY, *Quartermaster-Sergeant.*

1st SERGEANTS.

W. V. MORRIS,¹W. S. GRANT,³J. A. BAER,⁴E. M. ADAMS.²

SERGEANTS.

G. A. YOUNGBERG,¹E. M. RHETT,²P. K. BRICE,⁴E. G. DAVIS,²C. C. CARSON,⁵J. R. SLATTERY,⁷W. I. WESTERVELT,⁸F. O. WHITLOCK,⁶R. F. JACKSON,⁹C. L. J. FROHWITTER,¹¹L. T. HILLMAN,¹²J. WATSON,¹⁰J. G. PILLOW,¹³J. W. WILEN,¹⁵F. C. DOYLE,¹⁶R. H. FENNER.¹⁴

CORPORALS.

W. D. SMITH,¹F. P. LAHM,³F. W. CLARK,⁴W. WILLING,²W. P. ENNIS,⁵F. KELLER,⁷J. H. POOLE,⁸H. C. JEWETT,⁶E. N. JOHNSTON,⁹C. O. SHERRILL,¹¹J. F. BARNES,¹²G. R. SPALDING,¹⁰A. C. KEYES,¹³H. B. JORDAN,¹⁵G. KENT,¹⁶G. E. CARLETON,¹⁴R. T. BECK,¹⁷A. WILLIAMS,¹⁹R. N. HAYDEN,²⁰W. R. BETTISON.¹⁸

The figures indicate relative rank.

Course of Study and Books Used at the Military Academy.

(Books marked thus * are for reference.)

FIRST YEAR.—FOURTH CLASS.

DEPARTMENT.	COURSE OF STUDY, TEXT-BOOKS, AND BOOKS OF REFERENCE.
Mathematics.	Davies' Elements of Algebra. Davies' Legendre's Geometry. Ludlow's Elements of Trigonometry. Davies' Surveying. Church's Analytical Geometry. *Ludlow's Logarithmic Tables.
Modern Languages.	Williams' Composition and Rhetoric. Abbott's How to Write Clearly. Meiklejohn's English Language. *Smith's Synonyms Discriminated. *Roget's Thesaurus of English Words. *Webster's Dictionary. De Peiffer's French Pronunciation. Keetels' Analytical and Practical French Grammar. Castarède's Treatise on the Conjugation of French Verbs. Roemer's Cours de Lecture et de Traduction, Vol. I. Bôcher's College Series of French Plays, Vol. II. *Spiers' and Surenné's French Pronouncing Dictionary.
Drill Regulations, U. S. Army.	Practical Instruction in the Schools of the Soldier, Company and Battalion—Infantry. Practical Instruction in the School of the Cannoneer—Siege and Light Artillery. *Blunt's Firing Regulations for Small Arms.
Use of the Sword, &c	Instruction in Fencing and Bayonet Exercise, and Military Gymnastics.

SECOND YEAR.—THIRD CLASS.

DEPARTMENT.	COURSE OF STUDY, TEXT-BOOKS, AND BOOKS OF REFERENCE.
Mathematics.	Church's Analytical Geometry. Church's Descriptive Geometry, with its application to Spherical Projections, Shades, Shadows and Perspective. Bass' Differential Calculus. Church's Integral Calculus. Johnson's Treatise on the Method of Least Squares.
Modern Languages.	Borel's Grammaire Française. Hennequin's Lessons in Idiomatic French. Revue Militaire de l'Etranger. The Weekly Figaro. Edgren's Compendious French Grammar. *De Peiffer's French Pronunciation. *Spiers' and Surenné's French Pronouncing Dictionary. Monsanto and Languellier's Spanish Grammar. Knapp's Spanish Grammar. Mantilla's Spanish Reader, No. 3. Knapp's Spanish Reader. Eco de Madrid. *Seoane's Neumann and Baretti's Spanish Dictionary.

SECOND YEAR.—THIRD CLASS (Continued).

DEPARTMENT.	COURSE OF STUDY, TEXT-BOOKS, AND BOOKS OF REFERENCE.
Drawing.	Constructive Problems in Plane Geometry. Point Paths. Topography and plotting of Surveys with lead pencil, pen and ink, and colors; construction of the various problems in Descriptive Geometry, Shades and Shadows, and Linear Perspective and Isometric Projections; Practical Surveying in the Field. *Reed's Topographical Drawing and Sketching, including Photography Applied to Surveying.
Drill Regulations, U. S. Army.	Practical Instruction in the Schools of the Soldier, Company and Battalion—Infantry. Practical Instruction in the School of the Cannoneer—Light Artillery; and School of the Trooper—Cavalry. Practical Instruction in Small Arms Target Practice. *Blunt's Firing Regulations for Small Arms.
Practical Military Engineering.	Practical Instruction in the Construction of Ponton, Spar and Trestle Bridges.

THIRD YEAR.—SECOND CLASS.

DEPARTMENT.	COURSE OF STUDY, TEXT-BOOKS, AND BOOKS OF REFERENCE.
Natural and Experimental Philosophy.	Michie's Analytical Mechanics. Michie and Harlow's Practical Astronomy. Young's General Astronomy. Michie's Elements of Wave-Motion relating to Sound and Light.
Chemistry, Mineralogy and Geology.	Tillman's Descriptive General Chemistry. Tillman's Elementary Lessons in Heat (2d Edition). Tillman's Essential Principles of Chemistry. Tracy's Anatomy, Physiology and Hygiene. Thompson's Elementary Lessons in Electricity and Magnetism (new and revised edition). Tillman's Elementary Text-Book of Mineralogy. LeConte's Elements of Geology (4th Edition).
Drawing.	Free Hand Drawing and Landscape in black and white. Mechanical and Architectural Drawing in ink and colors. Constructive Details; Ordnance Constructions. *Reed's Topographical Drawing and Sketching, including Photography Applied to Surveying.
Drill Regulations, U. S. Army.	United States Army Artillery Drill Regulations. Tidball's Manual of Heavy Artillery Service, U. S. A. United States Army Infantry Drill Regulations. Practical Instruction in the Schools of the Soldier, Company and Battalion—Infantry. Practical Instruction in the School of the Cannoneer—Sea Coast Artillery; and in the Schools of the Trooper, Troop and Squadron—Cavalry.
Practical Military Engineering.	Practical Instruction in the Construction of Ponton Bridges; in laying Gun Platforms, and in the Construction of Revetments and Obstacles. Practical and Theoretical Instruction in Military Signaling.

FOURTH YEAR.—FIRST CLASS.

DEPARTMENT.	COURSE OF STUDY, TEXT-BOOKS, AND BOOKS OF REFERENCE.
Civil and Military Engineering and Science of War.	Wheeler's Civil Engineering. Wheeler's Field Fortifications. Mercur's Mahan's Permanent Fortification (Edition of 1887). Mercur's Attack of Fortified Places. Mercur's Elements of the Art of War. Mahan's Stereotomy.
Law.	Davis's Elements of Law. Davis's International Law. Davis's Military Law. Andrew's Manual of the Constitution.
History and Historical Geography.	Fisher's Outlines of Universal History. *Labberton's New Historical Atlas.
Practical Military Engineering.	Practical Instruction in the Construction of Ponton, Trestle and Spar Bridges; in the preparation and application of Siege Materials; and in laying out Field and Siege Works. Practical Instruction in Military Reconnaissances on foot and mounted; in Field Telegraphy, Night Signaling, and the use of the Heliograph. *Ernst's Manual of Practical Military Engineering.
Natural and Experimental Philosophy.	Practical Instruction in Astronomy.
Drill Regulations, U. S. Army.	United States Army Cavalry Drill Regulations. Practical Instruction in the Schools of the Soldier, Company and Battalion—Infantry; of the Trooper, Troop and Squadron—Cavalry; and of the Battery—Artillery.
Ordnance and Gunnery.	Bruff's Gunpowder and Interior Ballistics. Bruff's Ordnance and Gunnery. Ingall's System of Exterior Ballistics.

INFORMATION RELATIVE TO THE APPOINTMENT AND ADMISSION OF CADETS TO THE UNITED STATES MILITARY ACADEMY.

APPOINTMENTS.

How Made.—Each Congressional District and Territory—also the District of Columbia—is entitled to have one Cadet at the Academy. Ten are also appointed *at large*. The appointments (except 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.

Manner of Making Applications.—Applications can be made at any time, 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, date of birth, and permanent abode of the applicant, with the number of the Congressional District in which his residence is situated.

Date of Appointments.—Appointments are required by law to be made one year in advance of the date of admission, except in cases where, by reason of death or other cause, a vacancy occurs which cannot be provided for by such appointment in advance. These vacancies are filled in time for the next annual examination.

Alternates.—The Representative, or Delegate, in Congress may nominate a legally qualified second candidate, to be designated the *alternate*. The alternate will receive from the War Department a letter of appointment, and will be examined *with the regular appointee*, and if duly qualified will be admitted to the Academy in the event of the failure of the principal to pass the prescribed preliminary examinations. The alternate will not be allowed to defer his reporting at West Point until the result of the examination of the regular appointee is known, but must report at the time designated in his letter of appointment. The alternate, like the nominee, should be designated as nearly one year in advance of date of admission as possible.

ADMISSION OF CADETS.

Candidates selected by the War Department shall be instructed to appear for mental and physical examination before Boards of Army Officers to be convened at such places as the War Department may select on the 1st day of March annually (except when that day comes on Sunday, in which case the examination will commence on the following Tuesday). The candidates who pass successfully shall be admitted to the Academy in the following June.

Candidates selected to fill the vacancies unprovided for at the examinations held in March, shall be instructed to report at West Point for mental and physical examination early in June. No candidate shall be examined at any other time, unless prevented from presenting himself by sickness, or some other unavoidable cause, in which case he shall be examined during the last week in August.

Immediately after reporting to the Superintendent for admission, and before receiving his warrant of appointment, the candidate is required to sign an engagement for service in the following form, in the presence of the Superintendent, or of some officer deputed by him:

“I, _____, of the State (or Territory) of _____, aged _____ years _____ months, do hereby engage (with the consent of my parent or guardian) that, from the date of my admission as a Cadet of the United States Military Academy, I will serve in the Army of the United States for eight years, unless sooner discharged by competent authority.”

In the presence of _____

The candidate is then required to take and subscribe an oath or affirmation in the following form :

"I, ———, do solemnly swear that I will support the Constitution of the United States, and bear true allegiance to the National Government; that I will maintain and defend the sovereignty of the United States, paramount to any and all allegiance, sovereignty, or fealty I may owe to any State or country whatsoever; and that I will at all times obey the legal orders of my superior officers, and the rules and articles governing the Armies of the United States."

Sworn and subscribed, at ———, this ——— day of ———, eighteen hundred and ——— before me. ———.

Qualifications.—No candidate shall be admitted under seventeen, or over twenty-two years of age, or less than five feet three inches in height, or who is deformed, or afflicted with any disease or infirmity which would render him unfit for the military service, or who has, at the time of presenting himself, any disorder of an infectious or immoral character. Candidates must be unmarried. They must be well versed in reading, in writing including orthography, in arithmetic, and 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.

CHARACTER OF EXAMINATIONS.*

PHYSICAL EXAMINATION.

Every candidate is subjected to a rigid physical examination, 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; 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 eyelids; 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 pulmonary 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, deformity, &c.
- 10.—An unusual excurvature or incurvature of the spine.

NOTE.—Candidates are eligible for admission from the day they are 17, until the day they become 22 years of age, on which latter day they are not eligible.

There being no provision whatever for the payment of the traveling expenses of either accepted or rejected candidates for admission, no candidate should fail to provide himself in advance with the means of returning to his home, in case of his rejection before either of the Examining Boards, as he may otherwise be put to considerable trouble, inconvenience, and even suffering on account of his destitute condition. After defraying their expenses while here all balances due to candidates who fail to pass the entrance examinations are promptly refunded. If admitted, the money brought by him to meet such a contingency can be deposited with the Treasurer on account of his equipment as a Cadet, or returned to his friends.

*It is suggested to all candidates for admission to the Military Academy that, before leaving their place of residence for West Point they should cause themselves to be thoroughly examined by a competent physician, and by a teacher or instructor in good standing. By such an examination any *serious* physical disqualification or deficiency in mental preparation would be revealed, and the candidate probably spared the expense and trouble of a useless journey and the mortification of rejection.

It should be understood that the informal examination herein recommended is solely for the convenience and benefit of the candidate himself, and can in no manner affect the decision of the Academic and Medical Examining Boards at West Point.

11.—Hernia.

12.—A varicose state of the veins of the scrotum or spermatic cord (when large), 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.

ACADEMICAL EXAMINATION.

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

Writing and Orthography.—In *Writing and Orthography*, they must be able, from dictation, to write sentences from standard pieces of English literature, both prose and poetry, sufficient in number to test their qualifications both in hand-writing and orthography. They must also be able to write and spell correctly from dictation, a certain number of standard test words.

Arithmetic.—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;

2d. To perform with facility and accuracy the various operations of addition—subtraction—multiplication and division of whole numbers, abstract and compound 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 of 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. *The candidates must not only know the principles and rules referred to above, but they are required to possess such a thorough understanding of all the fundamental operations of arithmetic as will enable them to combine the various principles in the solution of any complex problem which can be solved by the methods of arithmetic. In other words they must possess such a complete knowledge of arithmetic as will enable them to take up at once the higher branches of mathematics without further study of arithmetic;*

8th. 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.

The following examples and questions in Arithmetic are a few of those which have been used at past examinations. They are given in order to indicate more clearly what is required, but it should be distinctly understood that entirely different ones are used each year.

Multiply 4.32 by .00012.

Explain the reason for placing the decimal point in the answer. [*The rule for so doing is not the reason.*]

Reduce $\frac{5\frac{1}{2} + \frac{7\frac{1}{4}}{0.5} - 0.725}{4 + 3.45}$ to an equivalent decimal.

Divide 3380321 by MDCCXCIX, and express the quotient by the Roman system of notation. Change .013 to an equivalent fraction whose denominator is 135.

Find the greatest common divisor of $26\frac{1}{4}$, $28\frac{3}{8}$, and $29\frac{1}{2}$.

How many men would be required to cultivate a field of $2\frac{3}{8}$ acres in $5\frac{1}{2}$ days of 10 hours each, if each man completed 77 square yards in 9 hours?

Separate $772\frac{3}{8}$ into three numbers, which shall be in the same proportion as $2\frac{1}{2}$, $\frac{7}{10}$, $\frac{6}{10}$. 5 cubic feet of gold weigh 98.20 times as much as a cubic foot of water; and 2 cubic feet of copper weigh 18 times as much as a cubic foot of water; how many cubic inches of copper will weigh as much as $\frac{7}{8}$ of a cubic inch of gold?

Find the least common multiple for the numbers $\frac{3}{4}$, 2.1, 5.25, $\frac{7}{8}$.

A wins 9 games out of 15 when playing against *B*, and 16 out of 25 when playing against *C*. How many games out of 118 should *C* win when playing against *B*?

A and *B* run a race, their rates of running being as 17 to 18. *A* runs $2\frac{1}{2}$ miles in 16 minutes 48 seconds, and *B* runs the entire distance in $3\frac{1}{4}$ minutes. What was the entire distance?

A and *B* can do a piece of work in 4 hours, *A* and *C* in $3\frac{3}{8}$ hours, *B* and *C* in $5\frac{1}{2}$ hours. In what time can *A* do it alone?

English shillings are coined from a metal which contains 37 parts of silver to 3 parts of alloy; one pound of this metal is coined into 66 shillings. The United States silver dollar weighs 412.5 grains, and consists of 9 parts silver to 1 part of alloy. What fraction of the U. S. dollar will contain the same amount of silver as 1 English shilling?

Give the rule for reducing a decimal of a given denomination to integers of lower denominations.

What is the effect of dividing the denominator of a fraction by a whole number, and why?

Explain the difference between a common fraction and a decimal.

What is the effect of annexing a cipher to a decimal, and why?

If the same number be subtracted from both terms of an improper fraction, what will be the effect? Why?

Give the rule for reducing a common fraction to an equivalent decimal, and explain why the resulting decimal will be equal to the common fraction from which it is obtained.

Give the rule for dividing one decimal by another, and explain why the decimal point in the quotient is placed where the rule directs.

Define Reduction, and state the different kinds.

Grammar.—In *English Grammar*, candidates must be able—

1. To define the parts of speech, and give their classes and properties; to give inflections, including declension, conjugation and comparison; to give the corresponding masculine and feminine gender-nouns; to give and apply the ordinary rules of syntax.

2. To parse fully and correctly any ordinary sentence, omitting rules, declensions, comparisons, and principal parts, but giving the subject of each verb, the governing word of each objective case, the word for which each pronoun stands or to which it refers, the words between which each preposition shows the relation, precisely what each conjunction connects, what each adjective and adverb qualifies or limits, the construction of each infinitive, and, generally, showing a good knowledge of the function of each word in the sentence. Omissions will be taken to indicate ignorance.

3. To correct in sentences or extracts any ordinary grammatical errors such as are mentioned and explained in ordinary grammars.

It is not required that any particular grammarian or text-book shall be followed; but rules, definitions, parsing, and corrections must be in accordance with good usage and common sense. The examination may be written or oral, or both written and oral.

Geography.—Candidates will be required to pass a satisfactory examination, written or oral, or both, in *Geography*, particularly of our own country. To give a candidate a clear idea of what is required, the following synopsis is added to show the character and extent of the examination. Questions are likely to be asked involving knowledge of:

1st. Definitions of the geographical circles, of latitude and longitude, of zones and of all the natural divisions of the earth's surface, as islands, seas, capes, &c.

2d. The continental areas and grand divisions of the water of the earth's surface.

3d. The grand divisions of the land—the large bodies of water which in part or wholly surround them.

Their principal mountains, location, direction, and extent; the capes, from what parts they project and into what waters?

Their principal peninsulas, location, and by what waters are they embraced?

The parts connected by an isthmus, if any;

Their principal islands, location and surrounding waters;

The seas, gulfs, and bays, the coasts they indent, and the waters to which they are subordinate;

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

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

Their principal lakes, location and extent.

4th. The political divisions 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.

5th. The United States.

The candidate should be thoroughly informed as to its general features, configuration, location, 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 railroad 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 along the Atlantic Coast, the Gulf of Mexico, the Pacific Coast, the Northern frontier, the Mexican frontier, and the Mississippi, Missouri, and Ohio Rivers.

The boundary and other large 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 is impressed on the mind of the candidate. More weight is attached to a knowledge of the geography of the United States than to that of all other countries combined.

History.—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, 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.—Indian War; trouble 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; result of it, &c., &c.

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

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

LINCOLN.—War of Secession; its causes; its results, social and political; explain Doctrine of State Sovereignty; alienation between Northern and Southern states; Doctrine of Secession give an account of principal battles.

JOHNSON.—Fourteenth Amendment; Tenure of Office Bill; Johnson's Impeachment.

GRANT.—Fifteenth Amendment; Alabama Claims and Treaty of Washington; Electoral Commission.

ACADEMIC DUTIES.

The academic duties and exercises commence on the first of September and continue until the first 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 each examination, Cadets found deficient in conduct or studies are discharged from the Academy, unless the Academic Board for special reasons in each case 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 relaxation of any kind can be made by the examiners.

Military Instruction.—From the termination of the examination in June to the end of August the Cadets live in camp, engaged only in military duties and exercises and receiving practical military instruction.

Except in extreme cases, Cadets are allowed but one leave of absence during the four years' course; as a rule the leave is granted at the end of the first two years' course of study.

PAY OF CADETS.

The pay of a Cadet is \$540 per year, to commence with his admission to 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.

Each Cadet must keep himself supplied with the following mentioned articles, viz.:

Two pairs of uniform shoes; *one pair of overshoes (Arctic); *six towels, face; *two towels, bathing; one mattress; one pillow; *two pillow-cases 36 in. by 45 in.; *four sheets 10/4 by 6/4; *two blankets (white); *one comfortable or quilted bed cover; one wash bowl; *one tumbler; *one bottle of indelible ink; *one clothes brush or whisk broom; *one hair-brush; *one tooth-brush; *one nail-brush; *one shaving-brush and mug; *one shoe-brush; *one razor; *one razor-strop; *two pairs of white suspenders; *six white shirts; *two night shirts; *six summer under-shirts; *six winter under-shirts; *six pairs of summer drawers; *six pairs of winter drawers; *six pairs of summer socks; *six pairs of winter socks; *six pocket handkerchiefs, *six pairs of cuffs; twelve white linen collars; six pairs of white Berlin gloves; two sets of white belts; one chair; *one pen knife; one account book; *one trunk.

Candidates are authorized to bring with them the articles marked *; they are however informed that such articles can be purchased at regulated prices from the Cadet Quartermaster's Department at West Point, after their arrival.

Cadets are required to wear the prescribed uniform. All articles of their uniform are of a designated pattern, and are sold to Cadets at West Point at regulated prices.

EXPENSES OF CANDIDATES PRIOR TO ADMISSION.

The expenses of a candidate for board, washing, lights, &c., after he has reported and prior to admission, will be about \$10. Immediately after being admitted to the Institution he must be provided with an outfit of uniform, the cost of which will be about \$90, making a total sum of \$100, which must be deposited with the Treasurer of the Academy before the candidate is admitted. It is best for a candidate to take with him no more money than will defray his traveling expenses, and for the parent or guardian to send to "*The Treasurer of the U. S. Military Academy*," the required deposit of \$100. This amount is sufficient to equip a new cadet with uniform and to supply him with all articles and books. Any deviation from the rule as to the amount or manner of making the deposit must be explained in writing, by the parent or guardian of the candidate, to the Superintendent of the Academy.

ASSIGNMENT TO CORPS AFTER GRADUATION.

The attention of applicants and candidates is called to the following provisions of an Act of Congress approved May 17, 1886, to regulate the promotion of graduates of the United States Military Academy:

"That when any Cadet of the United States Military Academy has gone through all its classes and received a regular diploma from the Academic Staff, he may be promoted and commissioned as a second lieutenant in any arm or corps of the Army in which there may be a vacancy and the duties of which he may have been judged competent to perform; and in case there shall not at the time be a vacancy in such arm or corps, he may, at the discretion of the President, be promoted and commissioned in it as an additional second lieutenant, with the usual pay and allowances of a second lieutenant, until a vacancy shall happen."

GENERAL QUALIFICATIONS.

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.

Headquarters U. S. Military Academy,

West Point, N. Y., June 30, 1898.

BY ORDER OF LIEUTENANT COLONEL HEIN :

A handwritten signature in cursive script, reading "Samuel Haggard". The signature is written in black ink and is positioned above the typed name and title.

2d Lieutenant 1st Artillery,

Adjutant.