

1903

1903 Modulus

Rose-Hulman Institute of Technology

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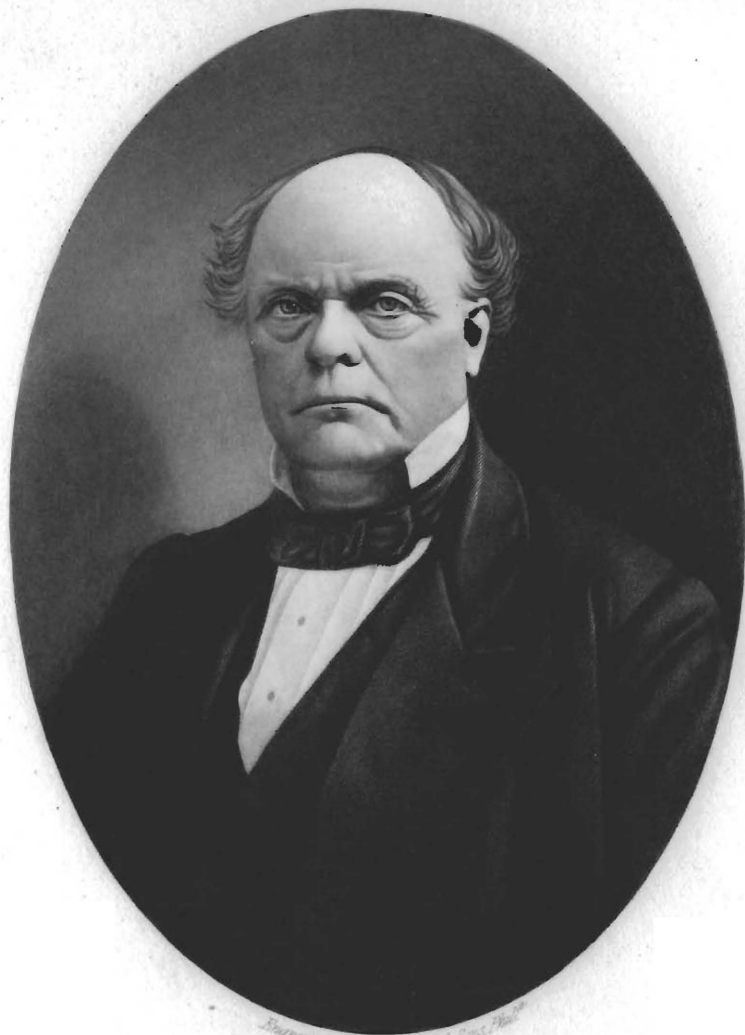
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THE-
MODULUS
1903

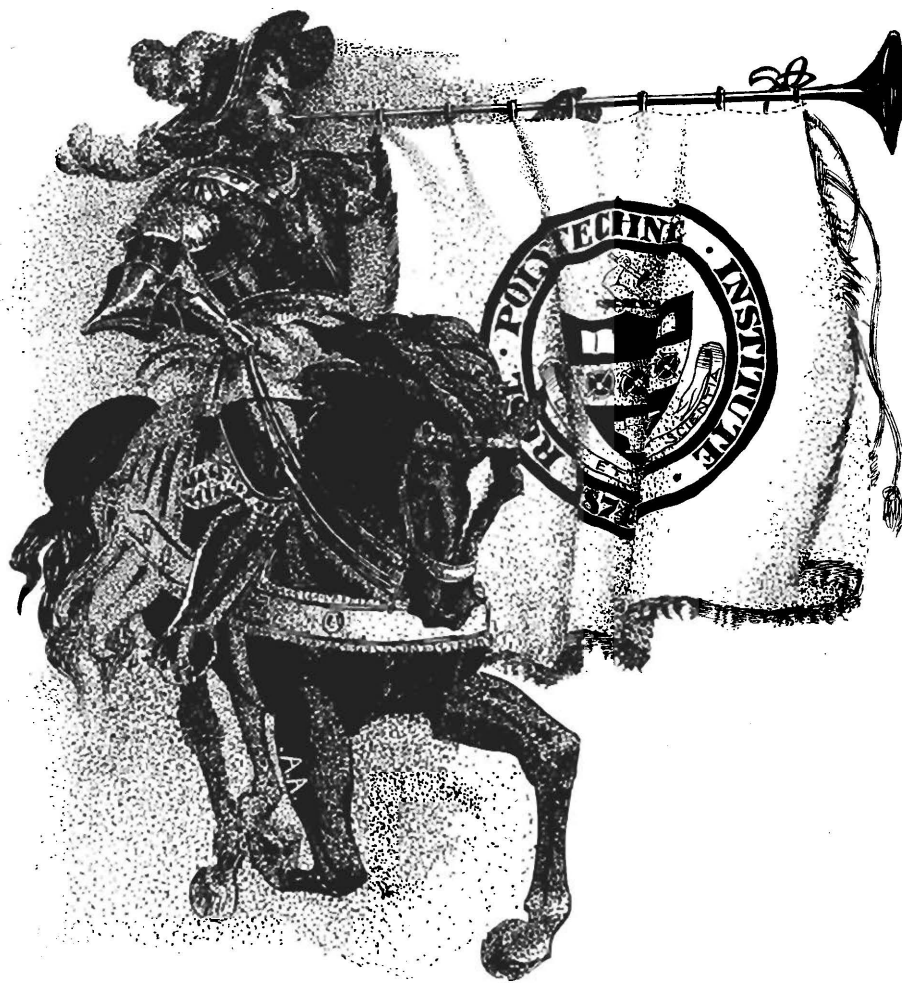
THE
MORNING
1903

PUBLISHED BY
THE JUNIOR CLASS
OF THE

ROSE POLYTECHNIC INSTITUTE
MCMIII



Chauncey Rose

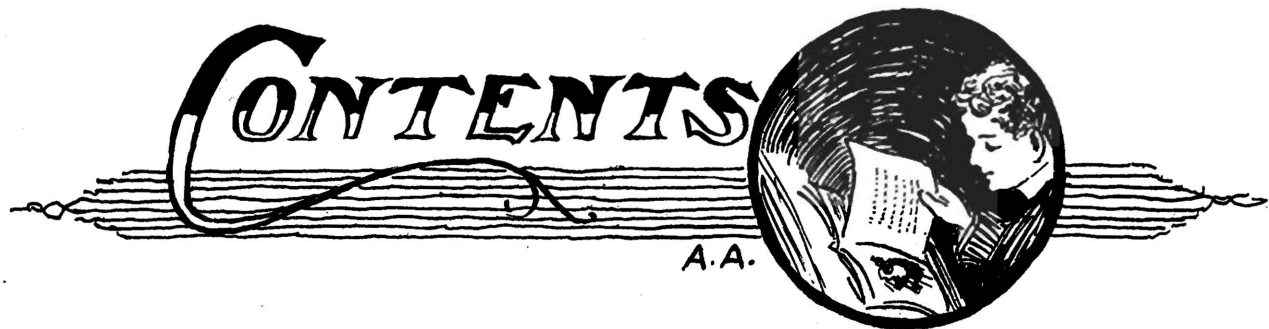


Hear ye! Commanded by His Majesty, Precedent, the class of nineteen hundred and three, of Rose, does here present the fifth Modulus for your perusal. Deal kindly with its faults and let not its virtues go unrewarded.

Dedicated

To the beauties we adore,
To the ones we most admire,
To the Poly girls galore,
As has e'er been our desire.





THE INSTITUTE.

The Board of Managers; The Faculty; Gleanings from the World of Wisdom; The Shops.

THE CLASSES.

Rolls, Pictures, Etc.

ORGANIZATIONS.

The Students' Council; The Technic; Scientific Societies; The Symphony Club.

A TRIP THRO THE BUILDING.

FRATERNITIES.

THE BANQUETS.

ALUMNI.

Alumni Association; Rose Tech Clubs; Alumni Letter.

POLY LIFE.

Those Doors; Athletics.

HISTORY.

OUR CLASS.

ALUMNI DIRECTORY.

ADVERTISEMENTS.



The Institute

B.H.

Photo by Blair, '03.

THE BOARD OF MANAGERS

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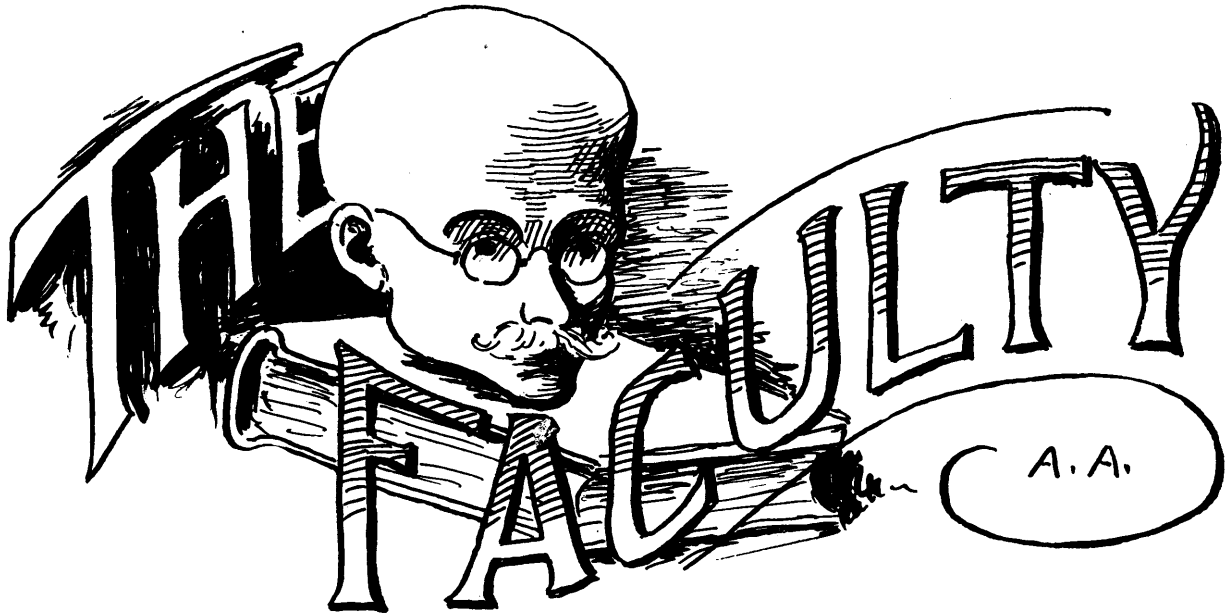
George M. Crane, Esq.

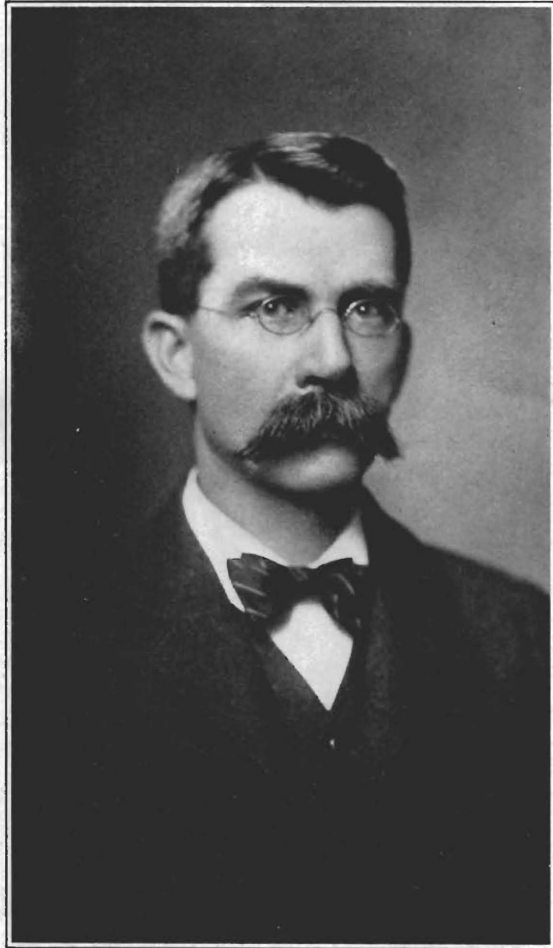
William S. Roney, Esq.

ALUMNI MEMBERS.

Victor K. Hendricks, B. S.

W. Arnold Layman, E. E.





CARL LEO MEES, Ph. D.

President and Professor of Physics.

Born in Columbus, Ohio, in 1853. Graduated from Ohio State University in 1871, and from Sterling Medical College in 1875. After High School work in Louisville, Kentucky, he was engaged in physical and chemical research in Germany and England 1880-1882. Was Professor of Physics and Chemistry in Ohio State University 1882-1887. Came to Rose in 1887, and was made President in 1895. He is a Fellow of the American Association for the Advancement of Science and was for four years general secretary of that Association. He has published: Photography Applied to Measurements, Determination of Wind Velocity in Tornadoes, etc.



JAMES A. WICKERSHAM, A. M.

Professor of Languages.

Born in 1851 in Wilmington, Ohio. Graduated from University of Kansas in 1876 (B. S.) Instructor there till 1878, when he received the degree of A. B. He spent 1878-1881 in Europe, traveling and studying Greek. Received degree of M. A. from University of Kansas in 1881, and after High School work in New Hampshire, he came to Rose in his present capacity in 1883. He is the author of several books and stories, among which are: "Aliso and Achne," "Enoch Willoughby," and a book of poems.

WILLIAM A. NOYES, Ph. D.

Professor of Chemistry.

Born near Independence, Iowa, in 1858. Graduated in Arts and Sciences in 1879 at Iowa College. Shortly afterward he spent two years at Johns Hopkins, securing a graduate scholarship and degree of Ph. D. Was Professor of Chemistry in the University of Tennessee 1883-1886, leaving that institution for Rose in 1886. In 1889, he studied Chemistry in Germany, on leave of absence. His principal subjects of investigation have been: Oxidization of Benzene, Derivatives with Potassium Ferricyanide, Atomic Weight of Oxygen, and Camphoric Acid. He published an "Organic Chemistry for the Laboratory" in 1897, and a "Qualitative Analysis" in 1887, fifth edition in 1901. He is a Fellow of the American Association for the Advancement of Science, a member of the Deutschen Chem. Gesellschaft, also editor of the Journal of the American Chem. Society for 1902.





MALVERD A. HOWE., C. E.

Professor of Civil Engineering. In Charge of Architectural Department.

Born in Northfield, Vermont, in 1863. Graduated in 1882 at Norwick University. Took graduate work at Thayer School of Civil Engineering for two years. Was out of school one year and then returned to Thayer, graduating with degree of C. E. in 1886. He then engaged in surveying and bridge work, and was Instructor in Harvard for one year. Came to Rose in 1887. His principal publications are: Retaining Walls for Earth, Theory of Continuous Girder, Tables, etc., for Engineers and Architects, Maximum Stresses in Draw Bridges, etc. He is a member of the American Society of Civil Engineers.

THOMAS GRAY, Ph. D.

Josephus Collett Professor of Dynamic Engineering.

Born in Fifeshire, Scotland, in 1850. Graduated at Glasgow University with degrees of B. Sc. and C. E. Taught Engineering in Imperial University at Tokio, Japan, 1878-1881. Was Supervisor of laying of the Commercial Cable Company's Atlantic cables. While at the University of Glasgow he did much work in electrical research under Sir William Thompson. He came to Rose from England in 1888. His principal works have been in electrical measurements, insulation, and strength of materials. He is a member of the Royal Society of Edinburgh, the British Association for the Advancement of Science, American Society of Mechanical Engineers, etc. He compiled the Smithsonian Physical Tables in 1896.





ARTHUR S. HATHAWAY, B. S.

Professor of Mathematics.

Born in Michigan in 1858. Graduated at Cornell in 1879. After teaching two years he opened an office as a court stenographer, but in a short time accepted a fellowship at Johns Hopkins, where he attended two years. He became Instructor at Cornell and then Assistant Professor of Mathematics, which position he left to come to Rose in 1891. Was Lecturer on Quaternions at Chicago University in the summer of 1899. He is author of a Primer of Quaternions, Notes on Projective Geometry and a Primer of Calculus. He is a member of the American Mathematical Society.

JOHN B. PEDDLE, M. E.

Associate Professor of Machine Design and Drawing.

Born in Terre Haute in 1868. Graduated at Rose in 1888. Was with Thompson-Houston Company, 1888-1890. From then till 1894 he was with the Dodge Cold Storage Company and the Worthington Pump Manufactory. He came to Rose as Instructor in Drawing in 1894 and was elected to his present position in 1896. He took the degree of M. S. in 1895 and M. E. in 1900.





FRANK C. WAGNER, A. M.

Associate Professor of Steam and Electrical Engineering.

Born in Ann Arbor, Michigan, in 1864. Received degree of A. M. at University of Michigan in 1884 and B. S. in Mechanical Engineering in 1885. Was in the employ of the Thompson-Houston Electric Company, 1886-1889. He then accepted the position of Assistant Professor of Mechanical Engineering at the University of Michigan. Came to Rose in 1896. He is a member of the American Society of Mechanical Engineers and is a Fellow of the American Association for the Advancement of Science.

EDWIN S. JOHONNOTT, Ph. D.

Associate Professor of Physics.

Born in Richmond, Illinois, in 1868. Graduated at Rose in 1893, receiving the Heminway gold medal. Was examiner in Patent Office and then Professor of Mathematics and Physics at Drury College. Was graduate student at Johns Hopkins 1895-1896, and at Chicago University 1896-1899. At the latter place he received the degree of Ph. D., 1898, and held the first Senior Fellowship there. He came to Rose as Acting Associate Professor of Physics in 1899.





ROBERT L. McCORMICK, B. S.

Assistant Professor of Mathematics.

Born near Charleston, Indiana, in 1867. He took a special course in Mathematics in Indiana University, 1887-1888, and entered the Sophomore Class at Rose, graduated in 1891, receiving the Heminway gold medal. He became Instructor in Mathematics in fall of the same year, and took a special course at Chicago University in summer of 1897.

ALVAH W. CLEMENT, B. S.

Associate Professor of Shop Management and Practice

Attended, as a preparatory school, Worcester Academy at Worcester, Massachusetts, graduating in 1891. Was assistant in Chemistry at this school for one year and then entered Worcester Polytechnic Institute. Graduated in Electrical Engineering in 1895 with degree of B. S. He was with the American Wheelock Engine Company, 1895-1896, and was in the experimental department of the Compressed Air Power Company of Worcester and New York, 1896-1897. Was in charge of the experimental department of the Draper Company, of Hopedale, Massachusetts, 1898-1899. He entered upon his present duties at Rose in 1900.





ROBERT F. EARHART, Ph. D.

Instructor in Physics.

Born in Teledo, Iowa, in 1873. Graduated at North Western University with degree of B. S. in 1893. Was employed by People's Power Company of Moline, Illinois, 1893-1897. Graduate student in Physics at Johns Hopkins, 1897-1898, and graduate student in Physics in University of Chicago, 1898-1900. Was Fellow in Physics and received degree of Ph. D. at Chicago in 1900. He was instructor in Physics at Michigan Military Academy, 1900-1901, and accepted his present position at Rose in 1902.

AUSTIN M. PATTERSON, Ph. D.

Instructor in Chemistry.

Born in Damascus, Syria, in 1876. He entered Princeton in 1893 and graduated with the degree of A. B. in 1897. During the next three years he pursued courses of graduate study at Johns Hopkins in Chemistry, Geology and Mineralogy, receiving the degree of Ph. D. in 1900. Was instructor in chemistry at Centre College, Danville, Kentucky, 1900-1901, accepting his present position in fall of 1901.





HARRY A. SCHWARTZ, B. S.

Instructor in Drawing.

Born in Pence Valley, Oldham County, Kentucky, in 1880. Graduated at the Louisville Male High School in 1897, and graduated at Rose in 1901. He was assistant to the Chief Engineer of the City of Louisville Railway Company during the summer, resigning to accept his present position in September, 1901.

EDMUND J. HIRSCHLER, A. B.

Instructor in German, and Librarian.

Born in Franklin, Iowa, in 1876. Was in public school work in Kansas, 1893-1897. Graduated at the University of Kansas in 1901. He was elected to membership in the honorary societies,—Phi Beta Kappa and Sigma Xi. He came to Rose in present capacity in September, 1901.



GLEANINGS FROM THE WORLD OF WISDOM.

Prof. Wickersham:—When I was a boy I had a lady French teacher. However, she was not so old then as she is now.

Dr. Johonnott:—Next week a change will be made. I will give you lectures in Light, and Dr. Earhart will take the class in the study of Heat. The study of Light will be very interesting, and I earnestly hope you will be able to learn something under Dr. Earhart.

Prof. Hathaway:—Now consider a moving particle, a very small body for instance. We can take the earth for example.

Prof. McCormick:—Now this is only true for spheres whose diameters are very small compared to their radii.

Prof. Hirschler:—I don't know that I ever saw a tread mill. I think I did once, but,— on second thought, I believe it was a thrashing machine.

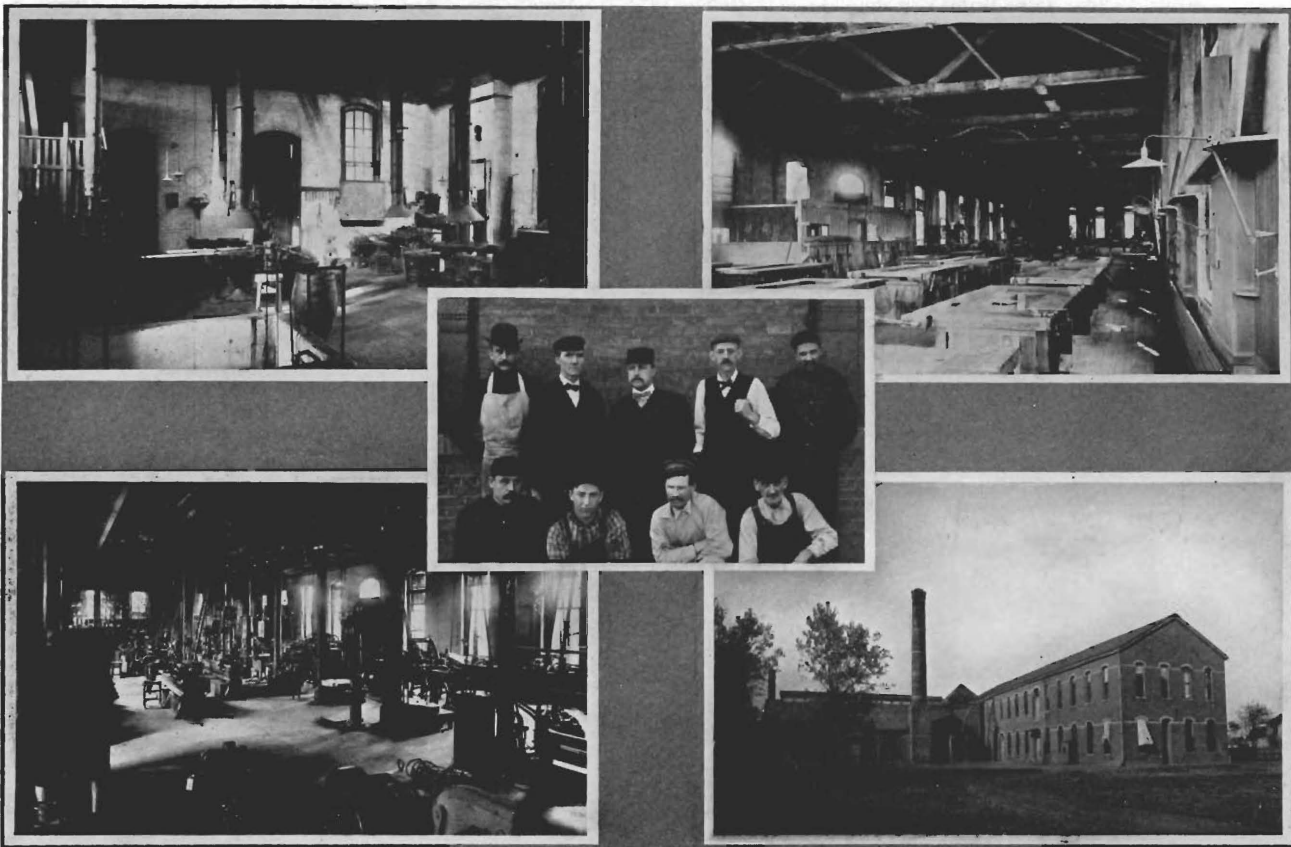
Prof. Wagner:—For the next lesson take thirty pages in advance. (The class objects to the length of the lesson.) Of course I don't expect you to memorize it. All I ask is that you be prepared to answer any and all questions on these thirty pages that I may see fit to ask you.

Prof. Peddle:—It really isn't necessary to remember this. All I ask is that you don't forget it.

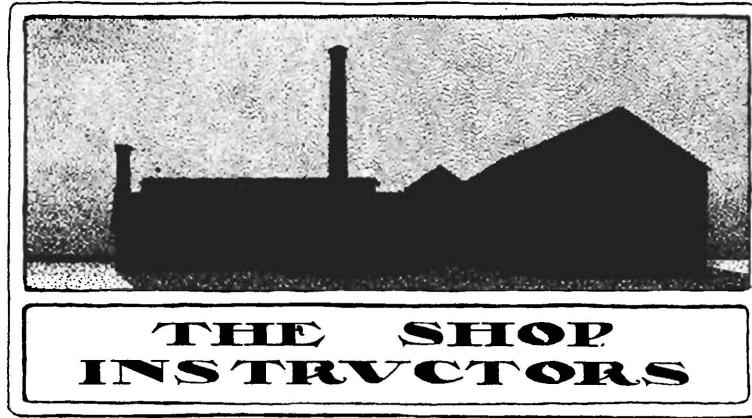
Prof. Hathaway:—You see the reason I was late is because I waited on the car for the corner to come around and,— Mr. Krieger, if you don't stop laughing so foolishly, I will dismiss you at once.

Dr. Johonnott:—If you have two given points, why is it that the distance between them becomes greater as you move one away from the other.





Photos by Michel, '03.



Thomas Gray	-	-	-	-	-	-	-	-	-	Director.
Alvah W. Clement	-	-	-	-	-	-	-	-	-	Superintendent.

Garrett W. Logan	-	-	-	-	-	-	-	-	-	Assistant Instructor in Shop Practice, and Foreman.
Edward T. Wires	-	-	-	-	-	-	-	-	-	Instructor in Wood Work.
Frank Sauer	-	-	-	-	-	-	-	-	-	Instructor in Forging and Tempering.
Harry W. Dickinson	-	-	-	-	-	-	-	-	-	Instructor in Foundry Practice.

Shop Equipment.



In a technical school there is perhaps no single department more important than this, and Rose is certainly fortunate in possessing such well equipped shops. * * * * *

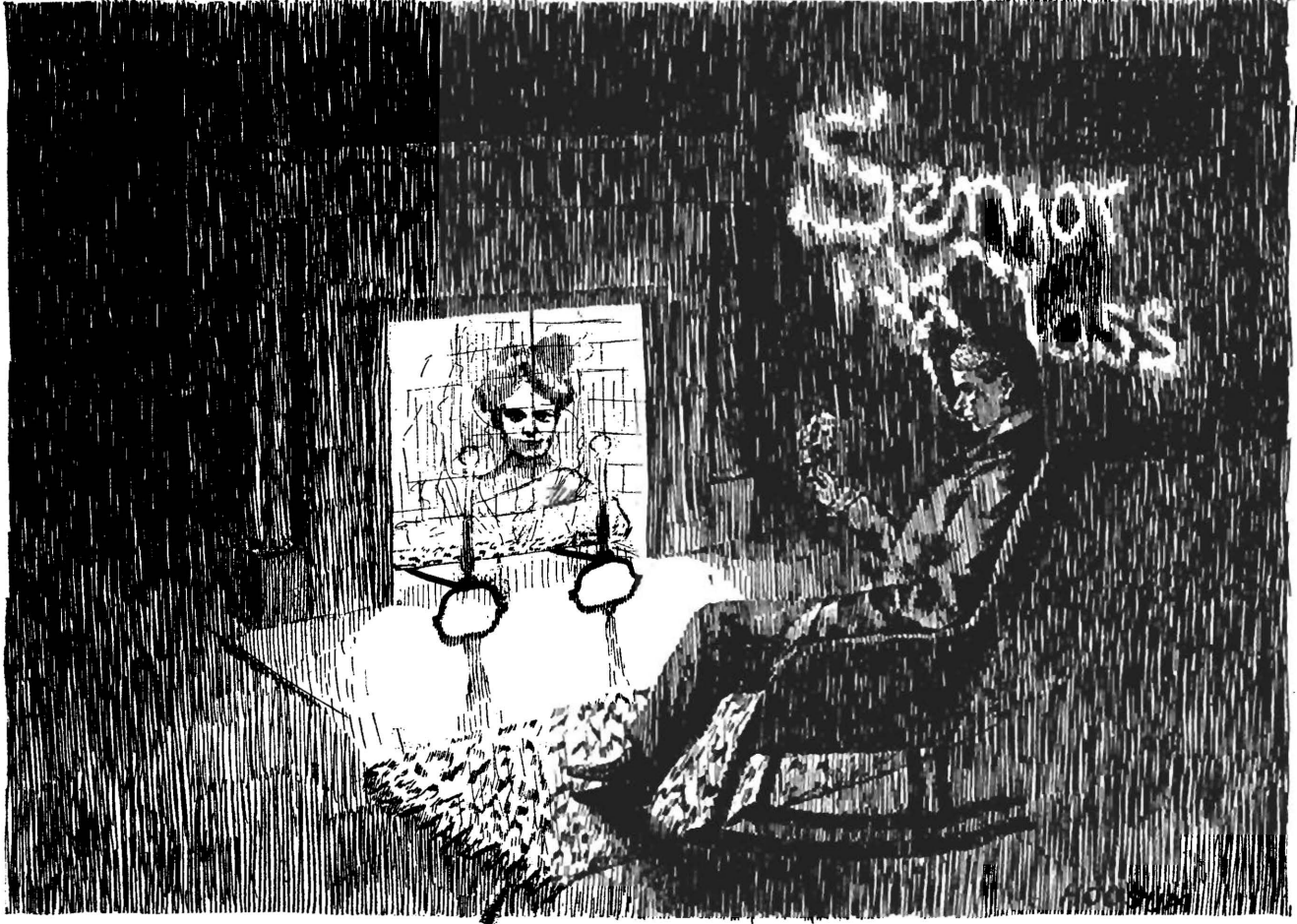
The machinery of the shops is run by a forty horse-power Brown automatic engine. There is also a fifty horse-power compound high-speed Westinghouse engine, for running the numerous dynamos that are located in the back part of the machine shop. What a pity that some philanthropic person does not build an electric power house, in which all the electrical machinery might be installed, thus relieving the somewhat crowded condition of the machine shop. * * * * *

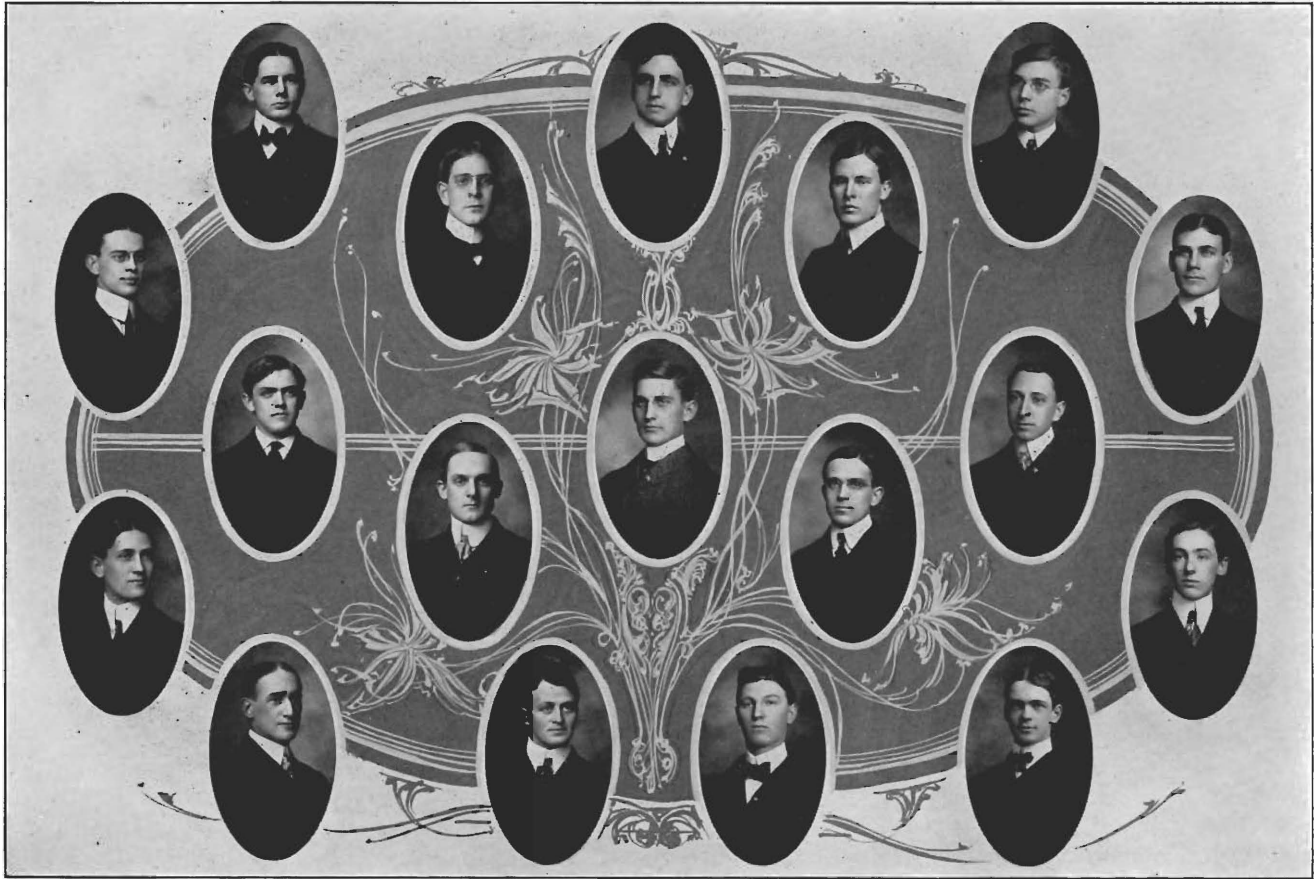
The steam for the engines, and also for heating all the buildings, is generated in the Boiler Room, which contains one fire-tube and two Stirling water-tube boilers. Back of the boiler room is the Forge Room, which contains five Buffalo forges. Each forge has its anvil and complete set of smithing tools, in addition to which there are full sets of swages, formers and other tools used in forging iron and steel. * * * * *

The Foundry equipment consists of eight moulding benches, two crucible furnaces, and a large variety of flasks and moulders' tools,—to say nothing of 'Arry. * * * * *

In the Machine Shop we find, besides a journal testing machine built by the engineering department, various testing machines used in determining the strengths of different materials of construction. Also a Sellers' planer, two shapers, sixteen lathes, a radial and an upright drill, as well as a sensitive drill constructed in the shops. There is also a Brainard universal milling machine, three emery grinding machines and an assortment of chucks, standard gauges, etc., sufficient for a full machine shop equipment. * * * * *

The pattern shop contains benches and hand tools sufficient for sixty-five students, fourteen turning lathes, three circular saws, a band saw, a jig saw, a double-spindle moulding machine, a panel planer, a Gray & Woods planer, a horizontal boring machine, and a full outfit of small tools commonly used in wood-working. * * *





Jones
Osborne

Hommel
Parks
Dickerson

Uhl
Fishback
Hills

Jumper
Flory

Nicholson
Powell
Marshall

Warren
Burge
Housum

Cox
Paige

Senior Class.



Edgar L. Flory, President.
Chenoweth Housum, Vice-President.
Edgar B. Powell, Secretary-Treasurer.

Colors: Old Gold and Purple.

CLASS ROLL.

Burge, Samuel D	III.	Jumper, Charles H	Ind.
Cox, Claude E	Ind.	Marshall, Ira	III.
Dickerson, John T	Ia.	Nicholson, John A	Ind.
Fishback, Fred R	Ind.	Osborne, Don F	Mich.
Flory, Edgar L	O.	Paige, Arthur J	Ind.
Hills, C. Herbert	Mass.	Parks, Clyde C	Ind.
Hommel, Victor A	O.	Powell, Edgar B	Ind.
Housum, Chenoweth	III.	Uhl, Henry W	O.
Jones, E. Lindley	III.	Warren, Robert C	Ind.

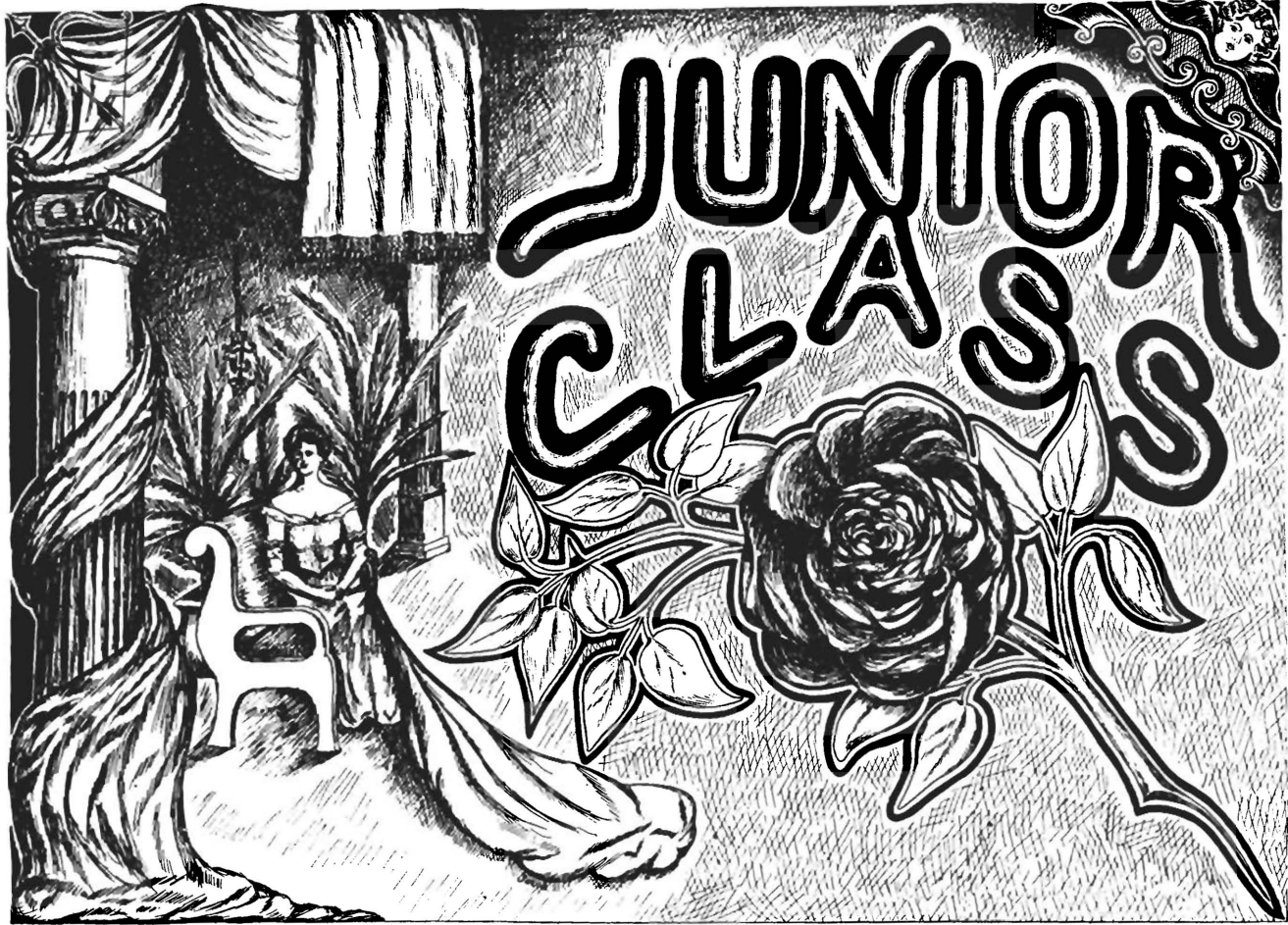


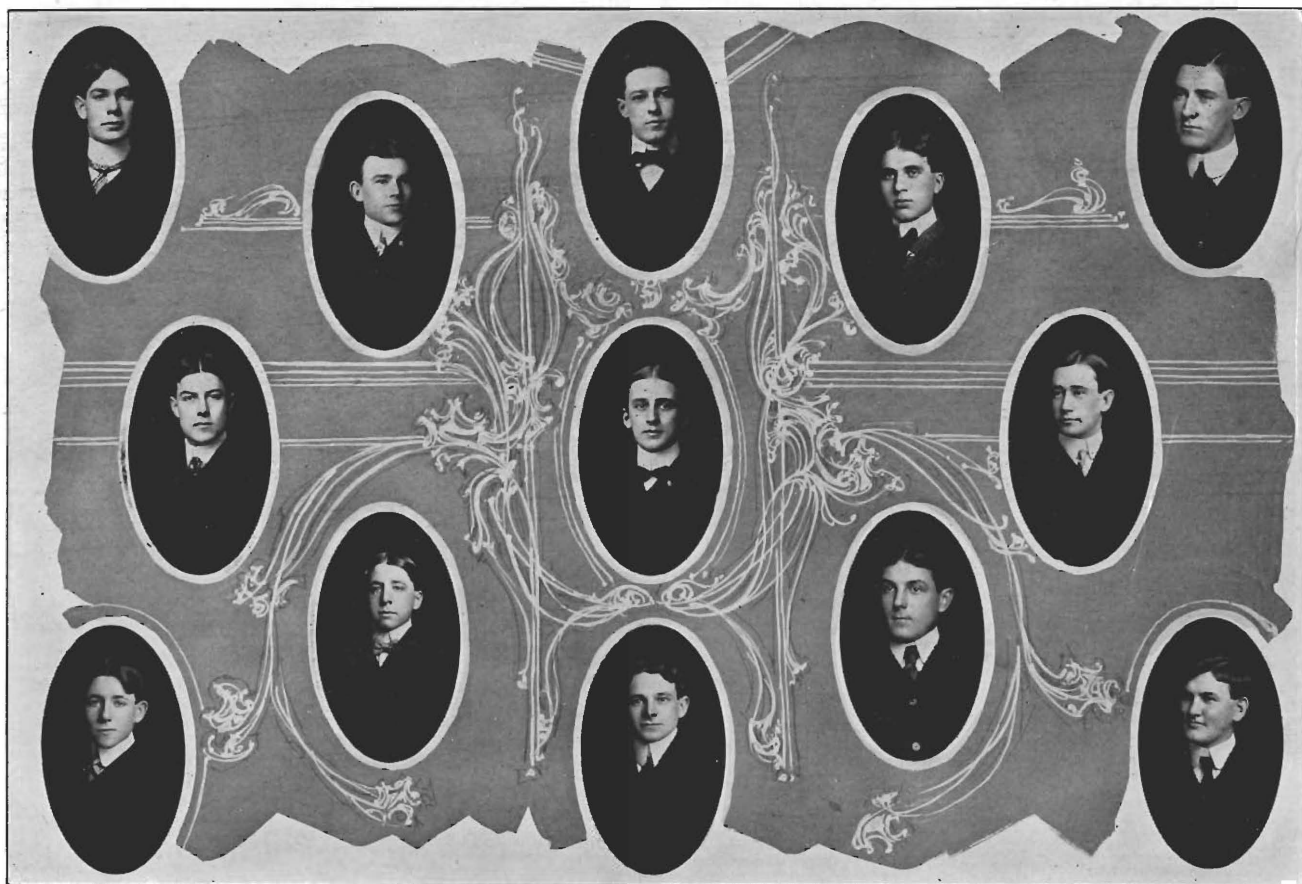
The Senior sits in his easy chair ;
The fire in the grate dimly gleams.
There rises before him a vision fair,
A bright eyed girl with golden hair,
The one he oft' sees in his dreams.

A few weeks will all thoughts of school work dispel ;
Will see finished, his course at old Rose.
He'll return to this maid that he loves so well,
And tell her the story he has to tell,
The story she already knows.



Commencement is over at last,
He's returned to his love, a B. S.
He begs in tones warm and tender,
For one little word, the word,— “But
My boy, you're a little too previous,
Like all the rest of the men.”
“Get out and rustle a job,” she says,
“And come for your answer then.”





Post
Brosius

Burt

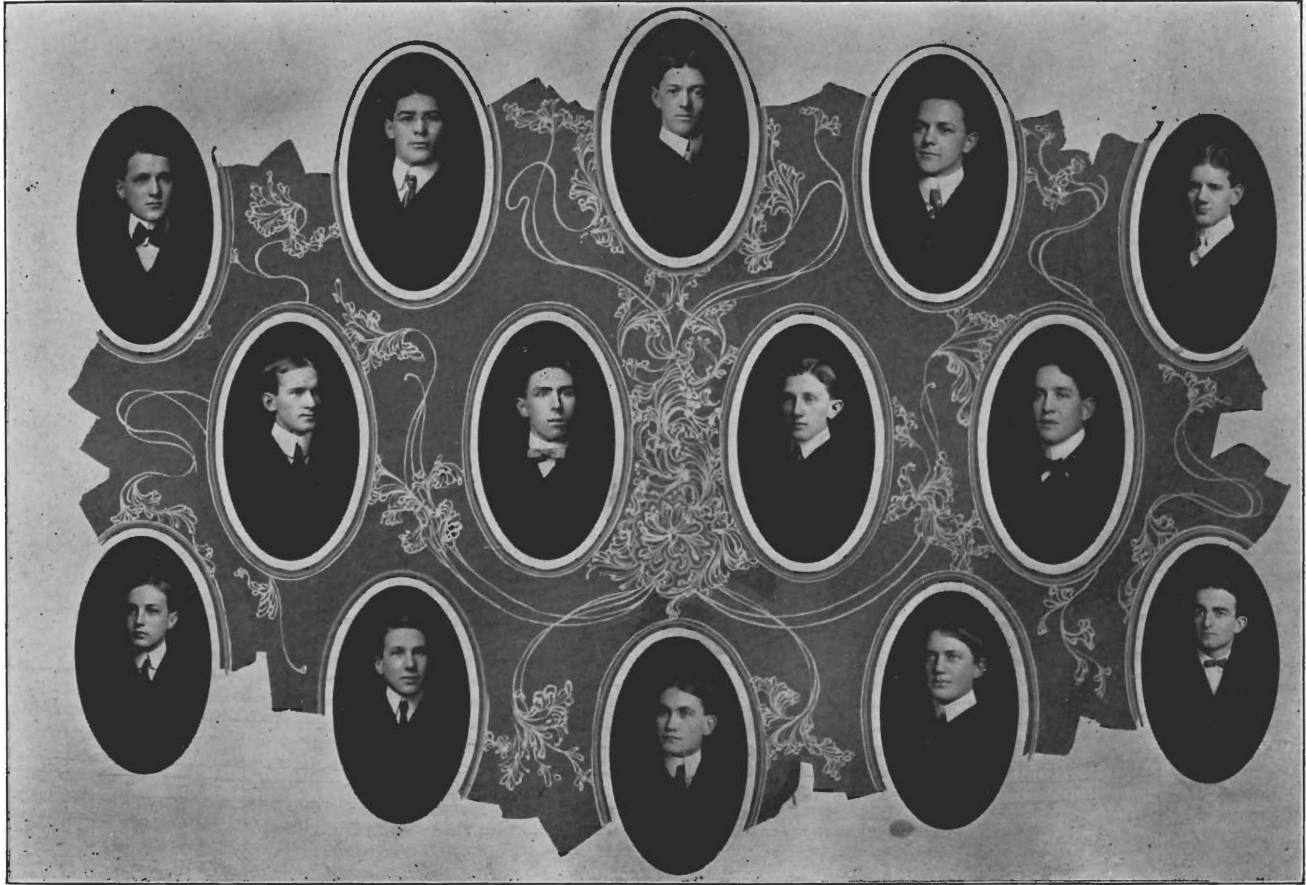
Davies
Levi

Austin
Jacob
Fischer

Schefferly
Gilbert

Chamberlain

Fitzpatrick
Bowie



Rumbley

Ingle

Pettit

Metzger

Palmer

Arnold

Cox

Cohn

Krieger

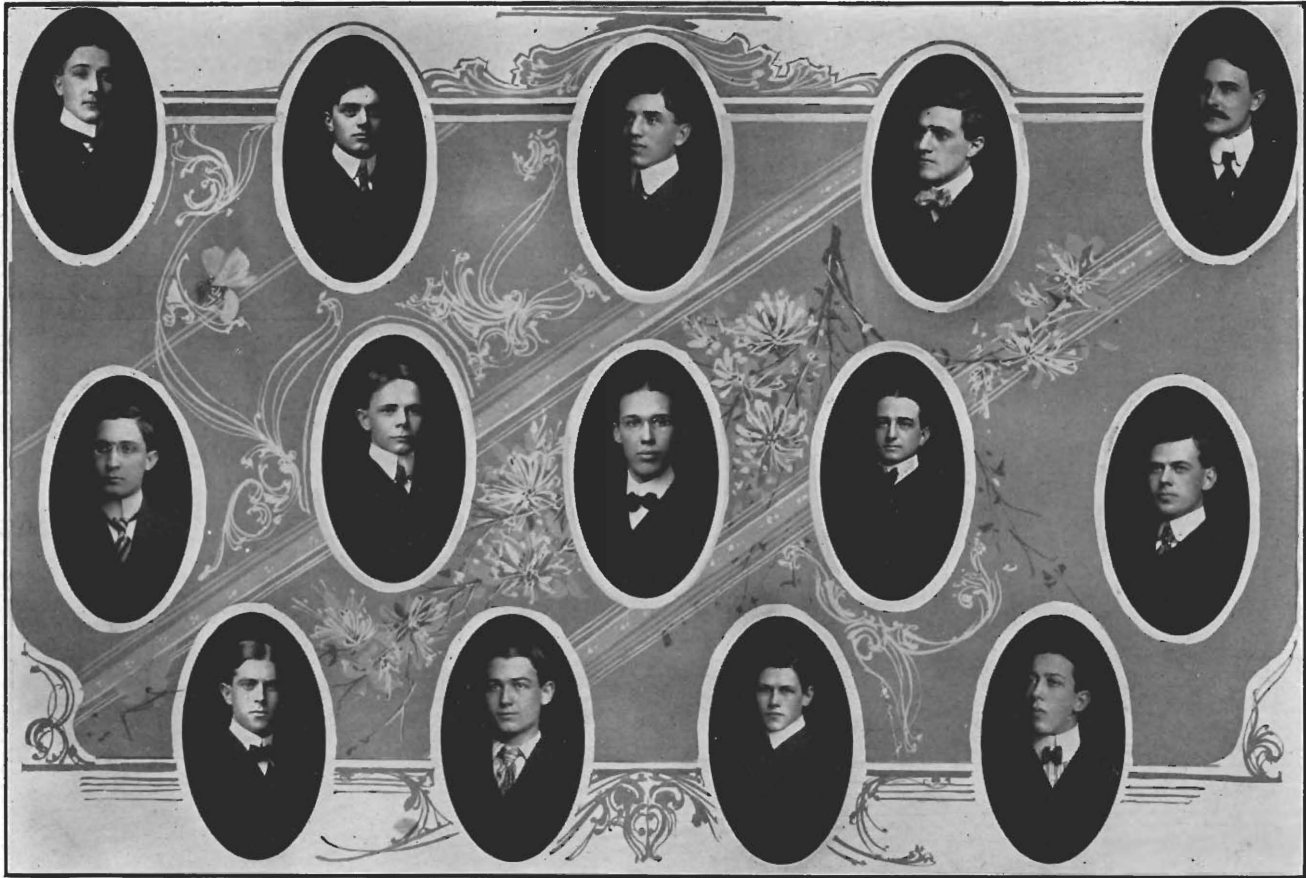
Pine

Hunley

Kellogg

Ijams

Lindemberger



Katzenbach
Aguilera

Peddle

Williams
Cox

Smith

Wiedemann
Kirby

Cushman

Blair
Braman

Kiefer

Michel
Taylor

Junior Class.

Brent C. Jacob, President.
Chester L. Post, Vice President.
Henry S. Kellogg, Secretary.
N. Hadley Cox, Treasurer.

Colors: Crimson and Gray.

CLASS ROLL.

Aguilera, Francisco V	Cuba.	Davies, Graham	Ky.	Levi, Sol	O.
Arnold, Robert B	Ind.	Fischer, Carl D., Jr.	O.	Lindenberger, George B . . .	Ky.
Austin, Alfred N	Ind.	Fitzpatrick, James E	Ind.	Metzger, Earl C	O.
Blair, Marion W	Ind.	Gilbert, Henry C	Ind.	Michel, A. Eugene	Ind.
Bowie, Wallace D	N. Mex.	Hunley, J. Boudinot, Jr. . .	Ind.	Palmer, Harry W	N. Y.
Braman, Harry S	Ind.	Ijams, J. Warren	Ind.	Peddle, William A	D. C.
Brosius, J. Simms	Ind.	Ingle, William D	Ind.	Pettit, H. Blair	Ky.
Burt, Eugene	Kan.	Jacob, Brent C	Ky.	Pine, Benjamin H	O.
Chamberlain, Charles L . .	Mo.	Katzenbach, Brown	Ind.	Post, Chester L	O.
Cohn, Clarence A	Utah.	Kellogg, Henry S	Ky.	Rumbley, Fred N	Ind.
Cox, Irving J	Ind.	Kiefer, Carl J	O.	Schefferly, Robert J	Mich.
Cox, N. Hadley	Ind.	Kirby, Edward C	Ind.	Smith, Claiborne E	Ind.
Cushman, John A	Mass.	Krieger, Albert A	Ky.	Taylor, Chester G	N. Y.
Wiedemann, H. Edmund	Ind.	Williams, John P. A	Ind.		

CLASS YELL:

Boomalaca! Bangalaca! Chingalaca! Chi!
Wah Hu! Hullabalalu! Rip, Roar, Rye!
Naughty Three! Naughty Three! R.P.I.!



AMBROSIA AND NECTAR.

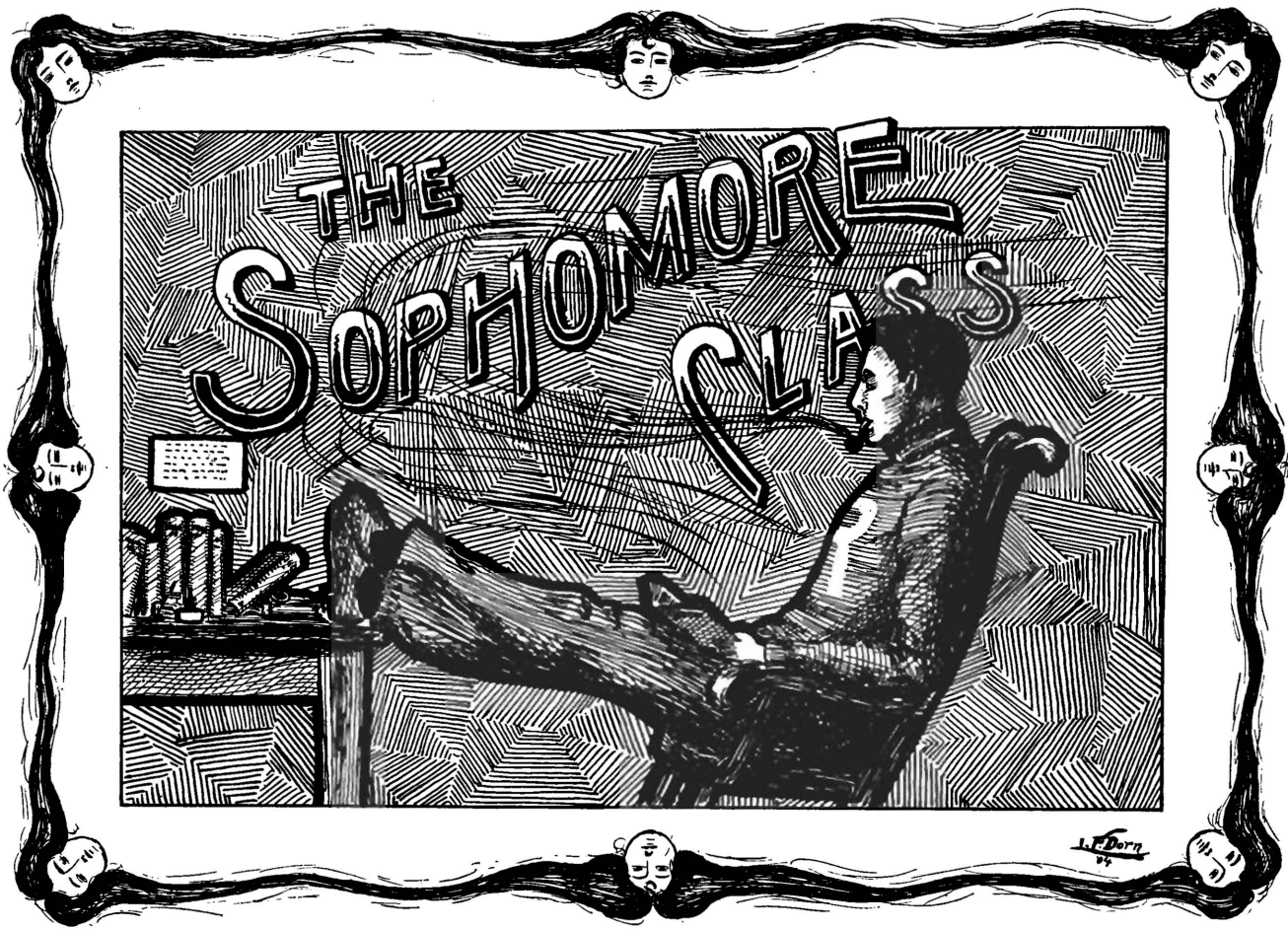
The awe with which we have filled faculty and rival classes alike.	✽	✽	✽	✽	✽
When we found that "Doc's" bluff was — only a bluff.	✽	✽	✽	✽	✽
"Goody."	✽	✽	✽	✽	✽
Dear old "Wicky."	✽	✽	✽	✽	✽
"Jo Jo's" speech upon retiring from the instruction of Section B.	✽	✽	✽	✽	✽
Certain visits to graveyards.	✽	✽	✽	✽	✽
A trip through St. Mary's for educational purposes.	✽	✽	✽	✽	✽

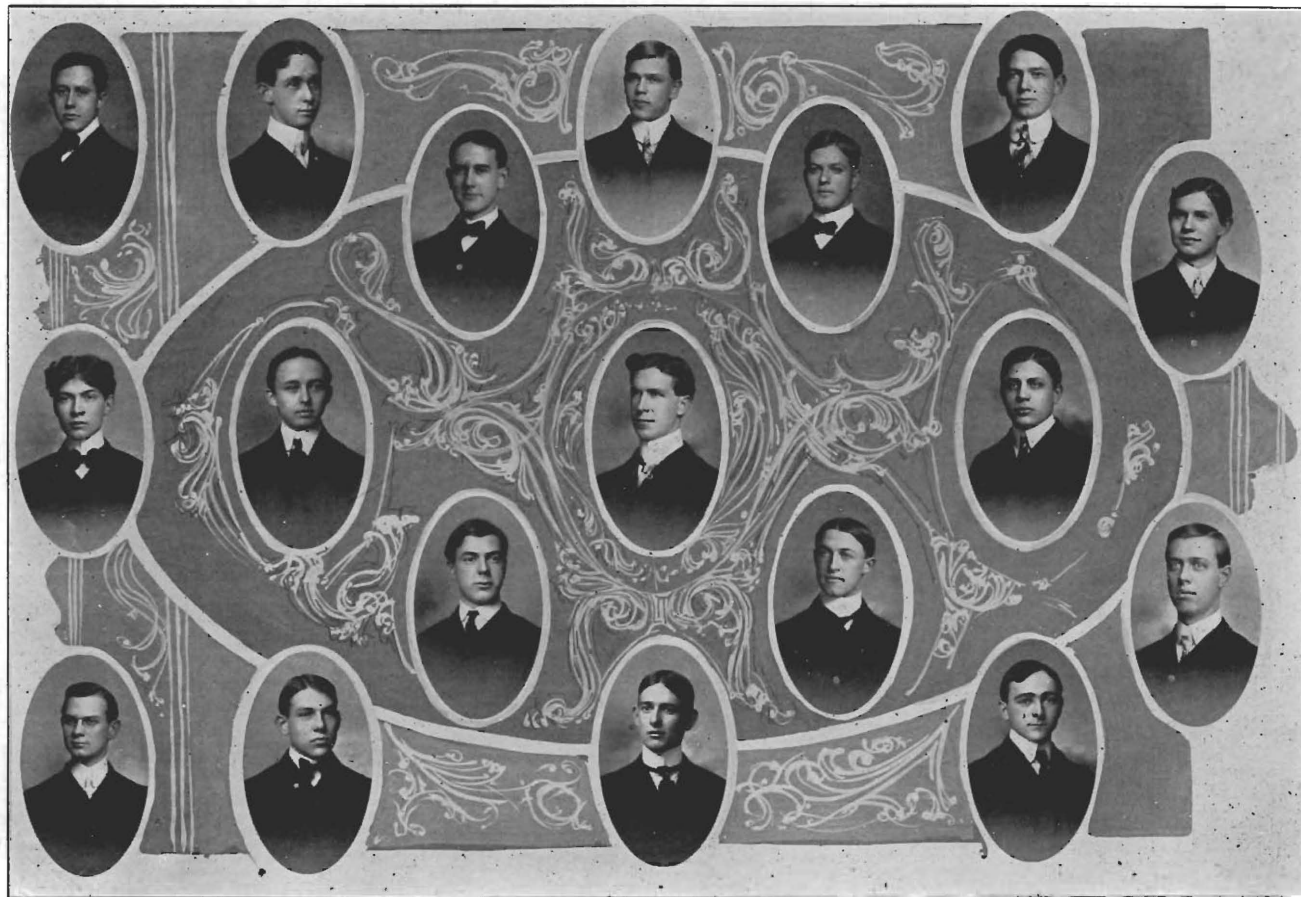
SHADES OF AVERNUS.

Those seven o'clock mornings, when, after your best efforts, you were three seconds tardy and were met by "Mac" with a severe "jacking up," apparently for not staying up all night — which, perhaps, you had done — and therein lay the injustice.	✽	✽	✽	✽	✽	✽	✽	✽	✽
Swimming in the "Roost" but in the course at Rose there is no option.	✽	✽	✽	✽	✽	✽	✽	✽	✽
The arrival of Howe before he was due.	✽	✽	✽	✽	✽	✽	✽	✽	✽
When we passed from "Hath" to the "Duke."	✽	✽	✽	✽	✽	✽	✽	✽	✽
The capture by a native of one of our members while engaged in an elephant hunt.						✽	✽	✽	✽

UNKNOWN QUANTITIES.

"Mac" satisfied. ✽ "Hath" "stuck." ✽ A satisfactory reply during street fair week. ✽ "Jacky" asleep. ✽ Work at "camp" when "Mac" went to visit another party. ✽ A hammock working single at Greencastle.





Mullett
Landrum
Garrettson

Regan
Noelke
Ketcham

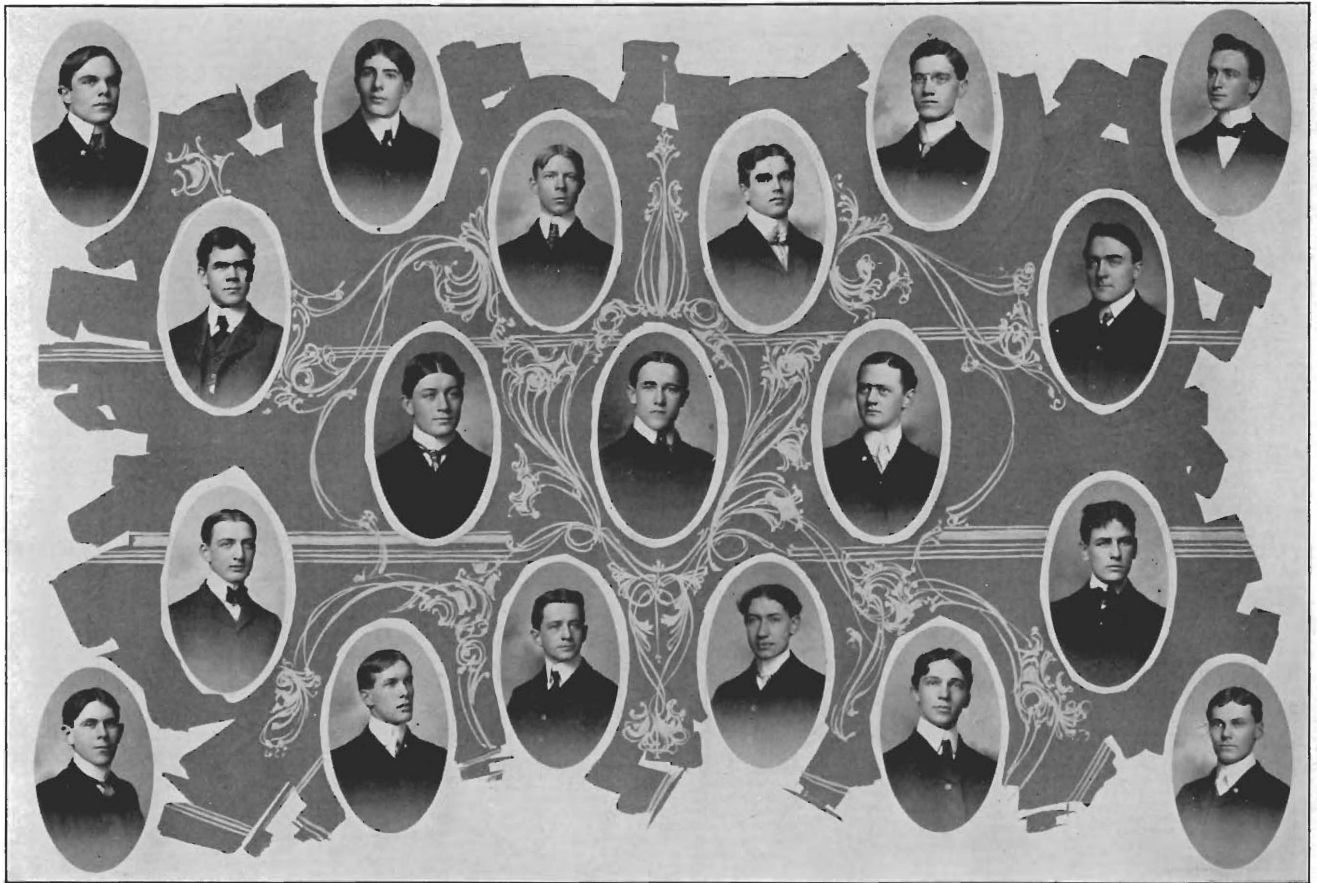
Staff
von Borries

Hahn
Ross
McCormick

CraIn
Bowsher

Barbazette
Schroeder
Toner

Miller
Bryon



Brannon

Hazard

Smith

Miller

Hampton

Gray

Tipton

McCormick

McNabb

McFarland

French

(3)

Peck

Whitten

Knight

Dorn

Touzalin

Reynolds

Heini

Sandham

Sophomore Class.



J. Newton Ross, President.
Robert F. Garrettson, Vice President.
Ernest Bryon, Secretary-Treasurer.

Colors: Brown and White.

CLASS ROLL.

Barbazette, J. Harry Ind.	Ketcham, William C Ind.	Regan, John F., Jr Ind.
Bowsher, William H Ind.	Knight, Harry R Ga.	Reynolds, Myron B Ill.
Brannon, Clifton Ky.	Landrum, Robert D Ind.	Ross, J. Newton Mont.
Bryon, Ernest Ida.	McCormick, Augustus Ind.	Sandham, J. Dow Ia.
Crain, George H. Mich.	McCormick, Charles C. Ind.	Schroeder, J. Albert O.
Dorn, Leo F Ky.	McFarland, Edward H Ind.	Smith, Harry Ind.
French, Carson G Mich.	McNabb, Walter S Ind.	Staff, John T., Jr Ind.
Garrettson, Robert F Ind.	Miller, Howard E. O.	Tipton, Clyde E. Ind.
Hahn, Ferdinand W Ky.	Miller, Merwin B. Ia.	Toner, Irwin De Witt Ind.
Hampton, Thaddeus L Mich.	Mullett, Howard A Mo.	Touzalin, Leslie A Ill.
Hazard, William H Ind.	Noelke, William Ind.	von Borries, William J Ky.
Heinl, Robert D Ind.	Peck, Walter R Ind.	Whitten, Roscoe Ia.
	Randall, William H N. Y.	

CLASS YELL.

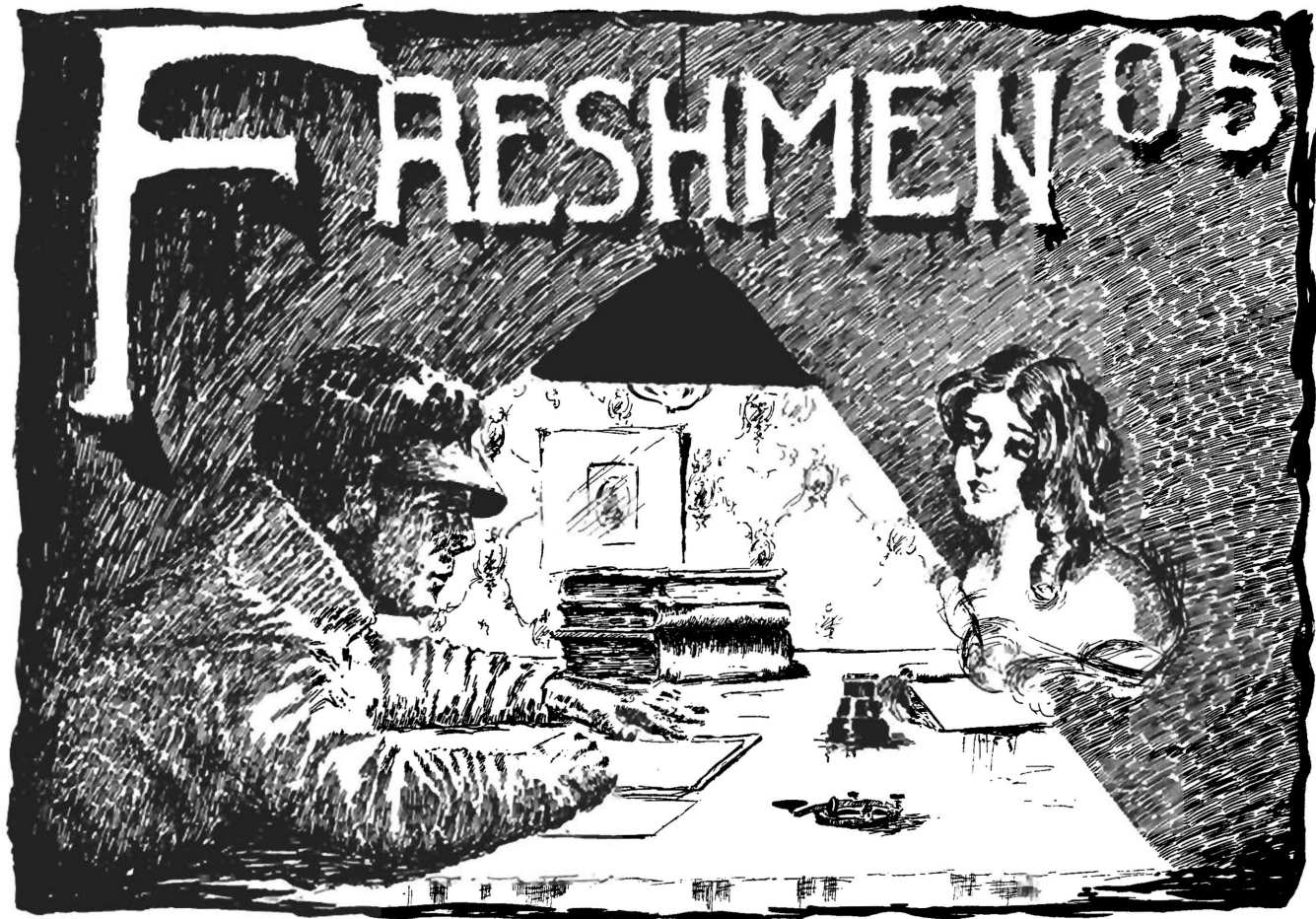
One a zippa, two a zippa, zippa, zippa, zam !
We're the Class of Naughty Four and don't give a ——
Razzle dazzle, hobble gobble, sis boom bah !
Nineteen naught four, rah, rah, rah !

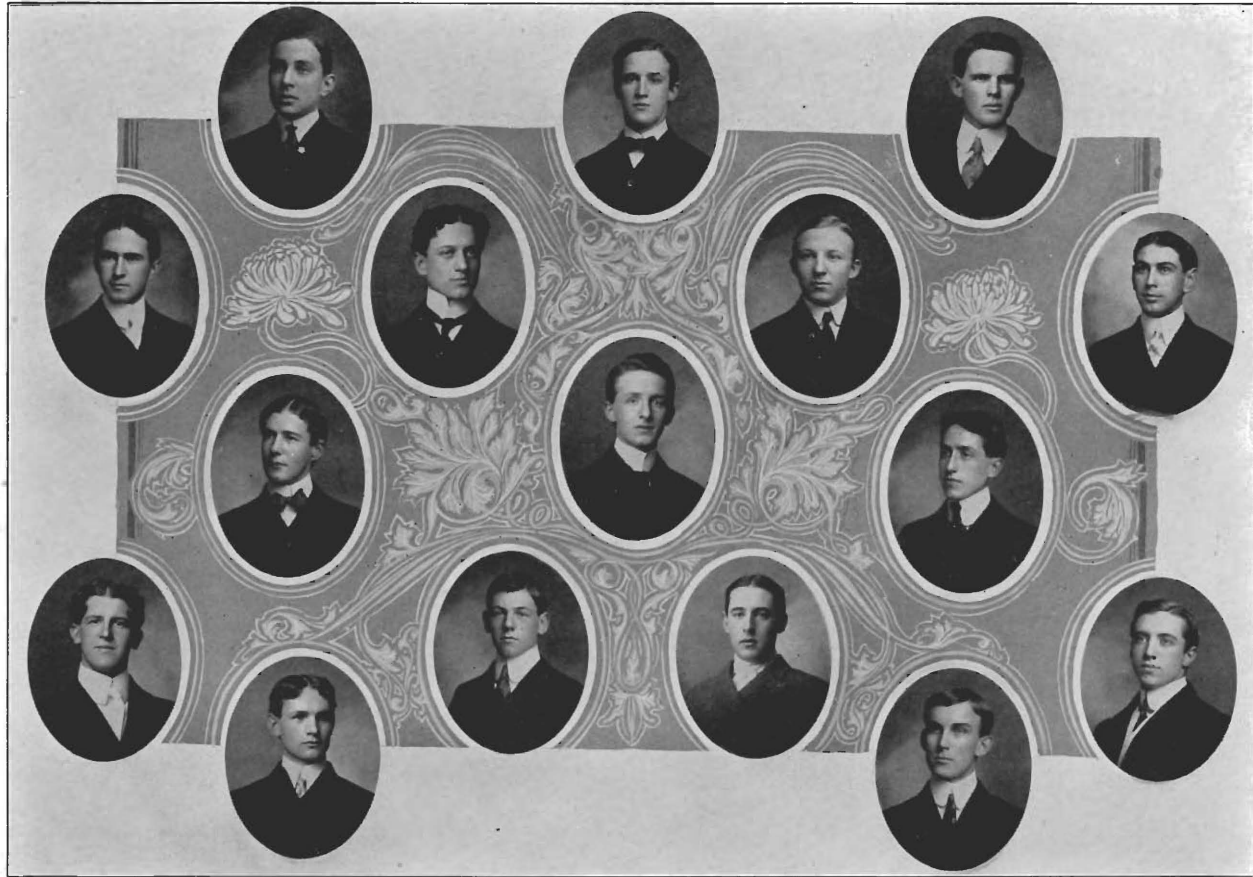


1904



BEHOLD our friends, once enemies! ✧ For almost two years now, have we known them, and that bitterness which first lay between us has become now good friendship. ✧ ✧ ✧ ✧
✧ We know them well. ✧ Even before our formal introduction in the pipe-rush, we made their acquaintance quite informly. ✧ I well remember that Friday night, when we were Sophomores. ✧ (Oh, yes, we were Sophomores once!) ✧ The members of the Class of '04 greeted us warmly, if not cordially. ✧ It was a game scrap as long as it lasted. ✧ But why should they scrap, when we only wanted to give them a ride—a beautiful, long country ride in the moonlight? ✧ Six of them accepted our hospitality; they seemed rather quiet, though, while we were all waiting for the wagon in the big barn. ✧ Even after we started, indeed, they were quiet. ✧ So we took them out and let them run a little to keep awake. ✧ Some of them seemed to have chills, too. ✧ Even their voices were shaky. ✧ ✧ ✧ ✧ ✧ ✧ ✧
✧ Well, the ride was lovely. ✧ Unfortunately the horses became tired some miles from town, and the score of us decided that to get to town quickly, some would have to walk, and also decided to ask the '04s to do so. ✧ We left them regretfully behind. ✧ They were more regretful than we were, though they seemed attached to the place. ✧ The ride home was even more enjoyable than the first half. ✧ Everyone was cheerful and noisy. ✧ Lots of fun it was for everybody. ✧ But those '04s were not a bit grateful for the ride we had given them ✧ ✧
✧ A funny class, anyway. ✧ Always “sort of scrappy.” ✧ Just think what they did to the Freshmen this year.





Lewis

Dodson

Welte

Shryer

Reynolds

Burr

Stoddard

Atherton

Davies

Inns

Goode

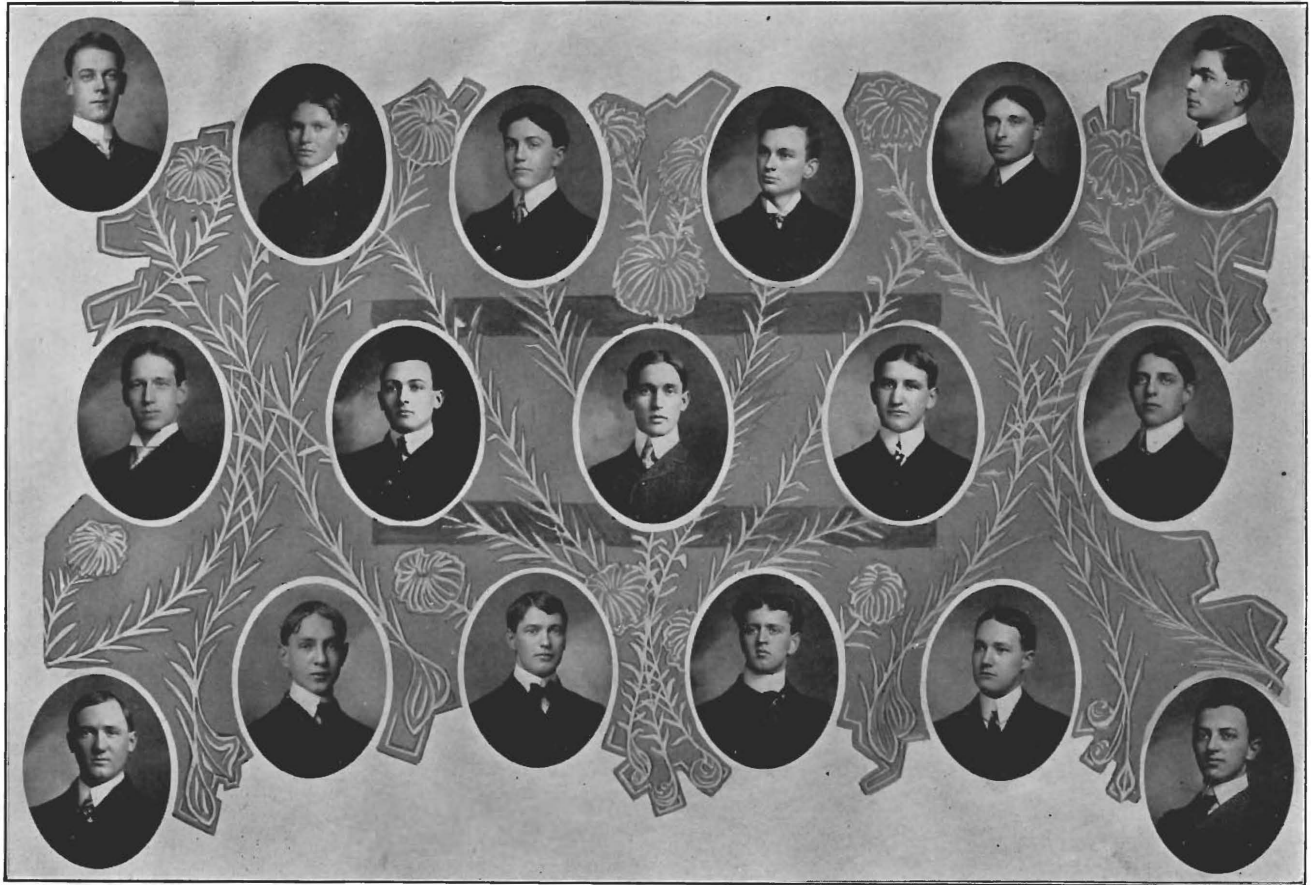
Waston

McDonald

Parr

Snider

Wright



Wood
Falley

Haller

Wilson
Schuchardt

Larkins

Cook
Benson

Wells

Wood
Kadel

Bland

Johnson
Gray

Speaker

Sprull
Robertson



Daily

Reed

Worthington

Blanchard

Klenk

Streeter

Pfeif

Spalding

Newnam

Leedy

Trowbridge
Bauer

Adams

Peddle
Jenckes

Everson

Goodman

Freshman Class.



Sydney W. Inns, President.
 Fred B. Lewis, Vice President.
 Charles B. Peddle, Secretary-Treasurer.

Colors: Red and Black.

CLASS ROLL.

Adams, Zach C.	Tex.	Haller, Fred W. A.	O.	Schuchardt, Rudolph J.	Ind.
Atherton, Donald H	Mass.	Inns, Sydney W	Ill.	Shryer, Herbert E.	Ind.
Bauer, Edward H.	Ind.	Jenckes, Ray G.	Ind.	Snider, Lewis A.	Ind.
Benson, George	N. Y.	Johnson, Walter E.	Kan.	Spalding, Edward H.	Kan.
Blanchard, Ralph C.	Ind.	Kadel, Harry R.	Ind.	Speaker, Clifford B.	Ia.
Bland, John O	Ky.	Kerr, Ernest N.	Ill.	Sproull, John C.	O.
Brooks, Gordon G.	Ill.	Klenk, Lorenz W.	Ill.	Stoddard, Eugene K.	S. Dak.
Burr, Walter H.	Ill.	Larkins, Edgar E	Ind.	Streeter, Charles M.	Ind.
Cook, Cleo B.	Ind.	Leedy, Charles E	O.	Trowbridge, Charles B.	Mich.
Daily, J. Edward	Ind.	Lewis, Fred B.	Cal.	Watson, Herbert L.	Ind.
Davies, Carl G	Ind.	McDonald, Alan	Ky.	Wells, Francis A.	Ill.
Dodson, Nicholas F.	Ind.	Newnam, Frank H	Ind.	Welte, Herman E	Ind.
Everson, Ralph C.	Neb.	Parr, Herbert	Ind.	Wilson, Robert M	Ill.
Falley, Charles B.	Ill.	Peddle, Charles R.	D. C.	Wood, Cecil L.	Ia.
Goode, W. Francis	Wis.	Pfeif, George H	Ind.	Wood, Owen L.	N.Mex.
Goodman, Leon	Ind.	Reed, Merle R	Ind.	Worthington, Arthur	Ind.
Gray, Ralph C.	O.	Reynolds, O. Frank	Ind.	Wright, Dudley D	Ill.
Greenleaf, Guy W	Ind.	Robertson, Claude E.	Ill.		

CLASS YELL.

Brecka Keck Kex! Coax! Coax!
 Brecka Keck Kex! Coax! Coax!
 Hi, Yi Yi! We're all alive!
 Rose Polytechnic, Naughty Five!

1905



We, the Class of Nineteen Five, invite your kind attention,
To listen to our tales of woe, too numerous to mention.
We won't plunge into detail of past departed terrors,
But give to you our Freshman cares, our Comedy of Errors.

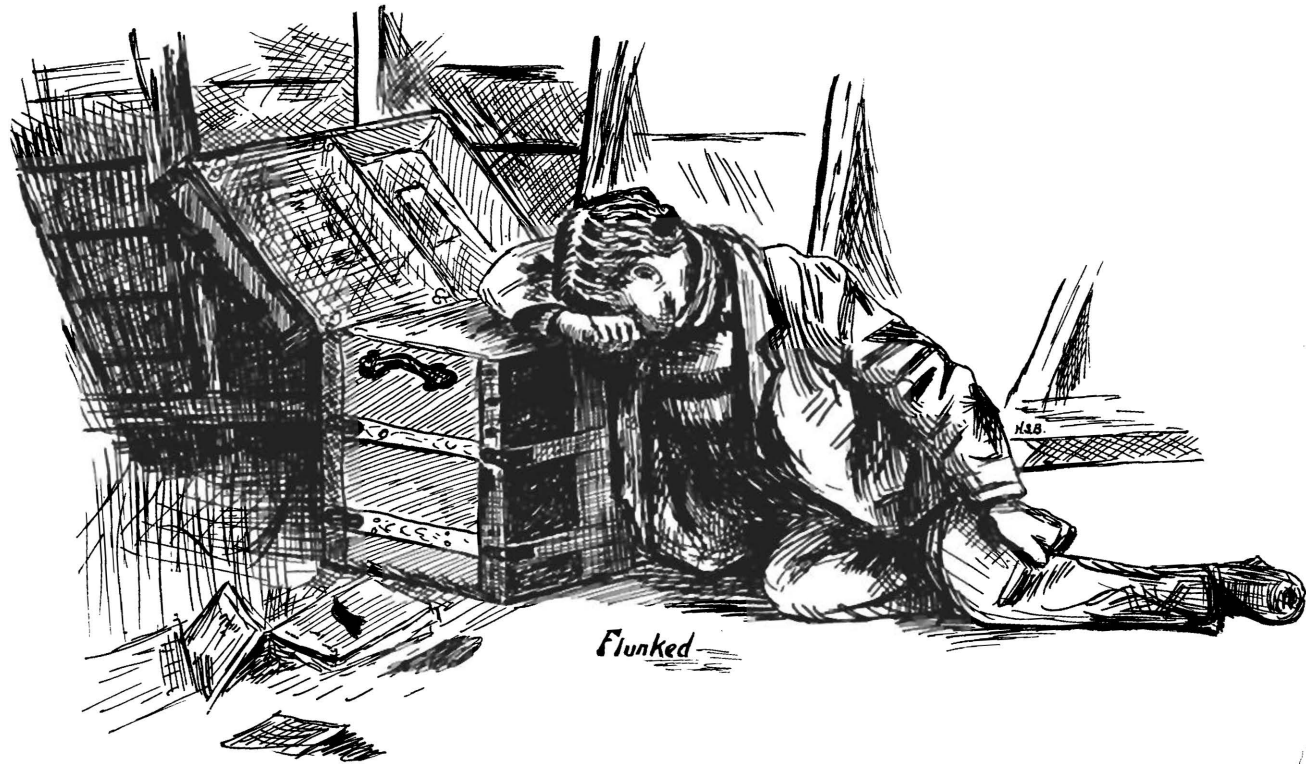
The things we heard that Soph'mores do to Freshmen new and verdant,
Made us look a little out, to try to stop the torrent
Of domineering, puffed up pride, for which Naught Four is noted,
From working out its unkind end on Naughty Five's devoted.

The pipe rush was a cinch for us, we won it without trouble;
It made our stocks go up a notch, and self esteem to double;
But Mac came in and showed us how figures geometric
Could queer a man as hopelessly as factoring symmetric.

But we passed the first post safely, with scarce a jar at all,
And now we see another looming up ahead as tall;
And when we've passed by that one, and we'll know about it soon,
We'll start upon the home stretch for the final test in June.

And those who live to come back in the balmy days to come,
Will meet the lads and hear the tales of work that they have done;
They'll pause, perhaps, and think of those who are no longer with them,
And say, "Too bad, it can't be helped, for 'All is well that ends well.'"

—Benson. '05.



Flunked

A PROTEST.



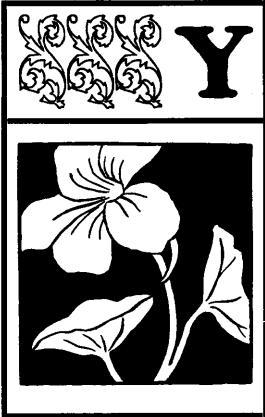
I.

YOU have your niche for Seniors, Juniors, Sophomores and Freshman class,
Why not give us a place,—the ones who failed to pass?
Do you think us then dishonored, outcasts, things abhorred,
Are we to always fail, be from all things pleasant barred,
Because that we have stumbled, blundered, failed to pass?
Does that make you the better man, or we the less?

II.

That we have made one failure, we confess is true,
We have but made a failure earlier in life than you.
Sometime, the fickle Dame, tiring of you, her pets the while,
Will cast you out and, turning, bestow on us a smile.
Perhaps you think then, that we hate the school and all?
It is not so; we are true sons of Poly still.
We still uphold the school, its customs, institutions, all the place;
We want no monuments or tablets, but just a little space.

Put not oblivion on us because we're not "in class"—
We are not truly failures, we have but "failed to pass."



A TRIP THRO THE BUILDINGS

A.
E.
M.




Photo by Michel, '03.

A Trip Thro the Building.

A WELL dressed young man enters for the first time the Poly gate. ♣ It is a bright sunny morning of May, and a crowd of students are seated upon the steps enjoying a few minutes' repartee in the fresh air before going into their recitations. ♣ "Gentlemen, for only four nickles, just twenty cents—" is heard, and a boy with a wheel at the top of the steps, holding his cap to receive donations, makes the visitor think that he is entering a side show or is hearing some fake performer. ♣ It is, however, only one of the Polys who is going to ride down the steps as soon as he receives the money. ♣ ♣ ♣ ♣ ♣

♣ The clock strikes the hour and the crowd disperses. ♣ The visitor sees just inside the main doors, to his left, the President's office. ♣ On entering this he is met by a stout, middle-aged man with a heavy mustache. ♣ His stern look turns to one of cordialty as he receives the stranger, who little realizes what an important person stands before him. ♣ It is no other than Dr. Mees, President of the Institute. ♣ A veritable essence of knowledge. ♣ Even Sherlock Holmes' ability seems common-place to the unfortunate, who is up on the carpet listening to "Doc" relate everything that he has done for the last month. ♣ How "Doc" finds this out has perplexed the mighty heads of the student body. ♣ ♣ ♣ ♣ ♣ ♣

♣ "Certainly, Doctor," I reply, as I happen to be standing near the office looking over the board for letters, when I am requested by Dr. Mees to show a gentleman thro the building. ♣ ♣ ♣ ♣ ♣ ♣ ♣ ♣

♣ Although the visitor seems inclined to inspect the registrar's office, just across the hall, I deem it unnecessary and take him to the Library. ♣ This is a well arranged room for looking up references. ♣ Its ten thousand volumes and several thousand pamphlets give ample opportunity for reading. ♣ But this is not all that is read, for we see now at the back of the room a group of Juniors holding a



Photo by Michel, '03.

consultation on French translation for the advancement of their marks the next hour, thus solving, at the same time, how two hour's work may be done in fifteen minutes. ✿ Because of this achievement we are led to believe that they are true Americans, from the speed with which they have finished that task, or that they are "hobos" for working as little as possible. ✿ ✿ ✿ ✿ ✿ ✿ ✿ ✿ ✿ ✿ ✿ ✿ ✿ ✿ ✿ ✿

✿ Seeing a quizzical look on our visitor's face when noticing a number of boys taking volume after volume from the shelves and hastily looking thro them, I conduct him into Prof. Hathaway's room. ✿ We enter unnoticed by the majority of the class. ✿ Here we see on the blackboard problems of every description, worked out by calculus. ✿ These were what they were looking for in the library. ✿ "Hath" is standing at the end of the room helping some one with his calculation as to the largest size stein that can be made from a given piece of pewter. Around one window stands a group waving and whistling to some girls that are passing by. ✿ Others are throwing chalk or matching pennies, unnoticed by the absent-minded professor. ✿ With all this apparent indifference to the subject, much is learned. ✿ For in "Hath" we have a genius, a mathematical wonder. ✿ He uses some of this ability in whatever athletics he undertakes. ✿ Especially is this so in his tennis playing. ✿ ✿ ✿

✿ To give you an idea of his absent mindedness, he tells the following incident upon himself. ✿ "Being left alone at home on one occasion I had to prepare my own meal. I thought a boiled egg would be palatable so I put the water on to boil and when all was ready, with egg and watch in hand I went over to the stove and carefully dropped it in. When I thought it was about time I raised my hand to time it exactly. ✿ To my horror I saw I still held the egg, my watch was in soak." ✿ ✿ ✿ ✿ ✿ ✿

✿ On entering the Descriptive room we find the Sophomore class hard at work. ✿ Prof. Peddle is explaining a problem to one showing him by means of a string model why it is so. ✿ The diligence shown by this class is due to Prof. Peddle ("Jack"), for on various occasions it has shown itself to be up to all kinds of mischief and not at all industrious. ✿ The desks in here are arranged to tilt to any angle,



Photo by Blair, '03.

making them convenient to draw upon but dangerous to sit on, as quite a few have found out. ❁ In this room one's imagination is taxed severely, even recklessly strained in a wild endeavor to picture a shadow of some simple building, or the like. ❁ But to remain here longer is dangerous for we have commenced to think, and the first thing we know we will be working like those poor Sophs, so I conduct our friend, the visitor, to Dr. Gray's room. Here, too, the re is no foolishness for "Ducky" will not permit it. ❁ You must "coover" your numbers, that are on the back of the benches, before five minutes past the hour or you are tardy. ❁ This small man—that is, of stature—is Dr. Gray, frequently called "The Duke," Vice-President of Rose. ❁ "Doc" and "The Duke" make a great pair, to use the Kentucky parlance, for they are of equal stature, pull well together, drawing the cart of Rose's responsibility easily. ❁ Seeing the stranger begin to laugh at "The Duke's" "eef," "nottice," and other Scottish accents, I hurry him out fearing "The Duke's" wrath might be vented upon me. ❁ ❁ ❁ ❁

❁ The Machine Design room, "Jack's" own room, is vacant at this hour, excepting one or two Seniors who are busy at thesis work. ❁ Several times a week this is filled with Juniors. ❁ This term they are engaged in steam engine design and one should not be surprised at any time to see an account of some marvellous engine created by a Poly student. ❁ After examining the many models we go up to the second floor. ❁ ❁ ❁ ❁ ❁

❁ At the end of the hall we enter the free-hand drawing room, the hot-bed of artists. ❁ Here we see some excellent drawings in crayon, charcoal, and wash. ❁ Mr. Schwartz, Instructor in Drawing, deserves much credit for his work in developing this talent and has controlled his classes well, especially when we consider that only last year he graduated from this school. ❁ With a parting glance of admiration at the art displayed here, we pass out into the hall. ❁ ❁

❁ Prof. Wickersham's door stands open and we have a glimpse of the "Palace of Morpheus." ❁ "Wickey" is seated behind his desk with a look as though he were thinking:—"Oh if those boys would only cut." ❁ Then he rouses himself enough to say "We-will-start-an-



Photo by Michel, '03.

other-book-next-week. ❀ That-wil-do-for-to-day," and with a groan he sinks back in his chair. ❀ As we walk down the hall we see the Freshmen enter Prof. McCormick's room. ❀ After they are all within we see "Mac" step briskly to the blackboard and start to explain why one with unlimited means will win at gambling. ❀ Then he demonstrates what chances one has with a slot machine. ❀ But this is only one hobby to which "Mac" applies his "math," perhaps to make his class feel at home. ❀ In this room the "freshie" usually receives his first quiz, and when he gets his mark his countenance falls nearly as low as his grade. ❀ But if he does not know something about "math" before "Mac" gets through with him he is a hopeless case. ❀ We must leave now, for "Mac" sees us and has turned red. ❀ ❀ ❀ ❀ ❀ ❀ ❀ ❀

❀ We go to the end of the hall and enter the Physical Laboratory. Here, there are several boys scattered around the room at the different tables. They are at work on their experiments; that is, some of them. ❀ The rest are either visiting their neighbors and keeping them from work, or "rough-housing." ❀ Fortunately I am able to hurry the visitor out into the Lecture room where Dr. Johonnott has a class of Sophomores and does not see any of this unseemly behavior. ❀ Dr. Earhart, however, sees it, and informs two young men that they will have "to walk" if it occurs again. ❀ ❀ ❀ ❀ ❀ ❀ ❀ ❀ ❀ ❀ ❀ ❀ ❀ ❀ ❀ ❀

❀ In the lecture room I am much surprised and pleased to find everything quiet, for the gentleman expects to come to Rose next year if the school comes up to his expectations. "Jojo" is explaining to the class the effect of passing an electric current through a conductor in the neighborhood of a similar conductor. ❀ One of the boys states what he thinks about the subject. ❀ The professor says, "That's the matter in a nut shell." ❀ A puzzled look crossed his face and then, "Is it?—No!" ❀ Perhaps it is the presence of the visitor that disconcerts the professor and I am afraid to leave him there longer, so I hurry him on to the Standardizing Room ❀ I show him the big electro-magnet and the storage batteries. ❀ He seems much surprised at the card on the wall over two large wires, "Danger—2000 volts." ❀

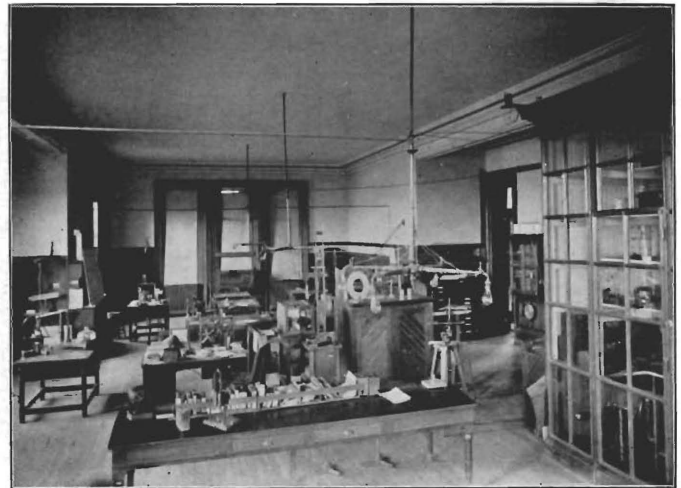


Photo by Michel, '03.

Noticing the surprise, I begin to talk of high tension work and heavy currents as if they were the most common things in the world. ✱ Fortunately he does not seem to know any more than the average layman about such matters. ✱ We go to the third floor, take a glance at the General Assembly room where there is little of interest to a stranger. In this room "Doc" waxes eloquent and expends much energy that is dissipated upon the four walls. ✱ Here, too, when quizzes are held, the great mental ability of the student shines forth like a dimmed star. ✱ ✱ ✱ ✱ We pass into the museum and look at the various curios. ✱ There are many things here of especial interest to the mineralogist. ✱ With one's imagination to fill out and give life to the numerous skeletons, he sees ferocious animals lurking upon all sides. ✱ So we hasten out into the Civil Department. ✱ ✱ ✱ ✱ ✱ ✱ In these few rooms, for the most part, the poor Civil struggles on four dreary years and emerges at last a genius, unrecognized of course, and working as Seventh Assistant Engineer on some jerkwater road, which position, in ordinary language, might be chainman or may be water-boy. ✱ All jesting aside, Civil is a great course; hard, very hard, perhaps as hard as any other, but when the four years have rolled away the graduate stands well equipped to start upon a successful career. ✱ ✱ ✱ ✱ ✱ ✱ ✱ ✱ ✱ ✱ ✱ ✱ This is the office. ✱ From out this room flows wisdom. ✱ Here is the very heart and most of the brains of the Civil Department. ✱ Of course the boys themselves have some. ✱ The room is quite well filled, is it not? ✱ Chimneys, retaining walls, culverts, roofs, and bridges are all on that table, among those tracings. ✱ Here He works. He, of course, being Malverd A. Howe, C. E., Professor of Civil Engineering, at the Rose Polytechnic Institute. Here great things are planned. ✱ From this very table originate those problems which have made so many Juniors gray headed. ✱ Some of those books, there, are his, not only by right of ownership, but also of authorship. They are for use, not to look at, though there are many Civils who would rather not even look. ✱ Notice those little square window-like openings. Those, I think, are inventions of Malverd A. ✱ Through these watch can be conveniently kept on two rooms at once, thus saving a great many steps. Oh, no, he is not a severe disciplinarian, rather sarcastic at times, it is true, especially when you "Don't know." ✱ ✱ ✱ ✱ ✱ ✱ What is he like? ✱ He is a big, tall man, broad-shouldered and straight. ✱ An eye that can see a fly speck on a sheet full of details, especially if you yourself in your inmost heart are trying to conceal that fly speck. A mustache, long, straight and fierce, no, not quite red, just sandy. ✱ He has a long, swinging stride all his own, and you can tell him coming down the street, in short pea-jacket, just as easily as you can recognize his step on the stair-case before he has reached the second floor. ✱ ✱ ✱ ✱ ✱ ✱ ✱ ✱ ✱ ✱

✧ Through this window you see the Senior's room. Notice, it is one of the "commodious and well-equipped drawing rooms," in the language of the catalogue. ✧ ✧ ✧ ✧ ✧ ✧ ✧ ✧ ✧ ✧
 ✧ Yes, this big room is where the Juniors and Sophomores work. ✧ The Freshman comes in here only to get his instruments or when the day is rainy. ✧ These cases contain almost everything necessary in the Civil course, from transits to tacks. ✧ On the wall here is a nice little transition curve formula that Howe has given. ✧ It requires only three blackboards. ✧ No one understands it, nor is anyone supposed to. ✧ ✧ ✧ ✧ ✧
 ✧ This next room is devoted to the Architectural Department. ✧ As you see, the walls are covered with pictures of classic architecture, the blackboards with some senior's figures on fire-proof warehouse construction or an elevation and floor plan of some building. There is not much to see here, so we go down stairs to look at some of the testing apparatus. ✧ ✧ ✧ ✧ ✧ ✧ ✧ ✧ ✧ ✧ ✧ ✧ ✧
 ✧ Here we find the large timber testing machines with which the Seniors amuse themselves by making people upstairs think something is giving away. ✧ Over there is a cement testing machine and here is a cement model of a bridge. ✧ This in front is a model draw bridge arranged for tests. ✧ You will have to get some Senior to tell you about these things, for all I know is what I have seen while hunting spiders, when wanting to put cross-hairs in a level. ✧ A great place for spiders down here. ✧
 ✧ In here is the camp equipment and supply of stakes, while right across there is the hydraulic testing apparatus. The Seniors for years have made annual spring tests on the number of fellows who may be soaked, using a standard orifice and a given head of water. ✧ ✧ ✧ ✧ ✧
 ✧ Suppose we now take a look at the Gymnasium. ✧ There at the end of the locker room is the shower bath which has attractions for some. ✧ This commodious room here is the gym proper. ✧ You will notice that it is filled with apparatus sufficient to develop an all around athlete. ✧ The commencement exercises are held in here and the floor is so fine that the school uses it for all its dances. The visitors' gallery, overlooking this main floor, is used for the orchestra



Photo by Michel, '03.

on these occasions. ❁ As there is not much of interest upstairs, suppose we go to the Chemical Laboratory. ❁ This “camphor factory,” as it is sometimes called, is here just behind the gym. ❁ As we are about to enter our friend draws back and exclaims, “You don’t work in that atmosphere do you?” ❁ I explain to him that the Sophomores are working in there but apparently making nothing but smoke, and that it is not really dangerous. So we proceed. We enter a large, well-lighted room, the general laboratory. ❁ This is well supplied with apparatus for every kind of analysis. ❁ We next go to the balance room and our visitor gazes upon a balance so delicate that it will weigh smaller things than a pencil mark. ❁ This room also contains Dr. Noyes’ desk and might be called the editorial room of the Journal of the American Chemical Society. ❁ With a look at the private laboratory and a turn in the lecture room, the tour of the Chemical Laboratory is completed. ❁ But to get out we must pass through those Sophomores again, and as I see my friend hesitates I assure him that those boys spend all their energy blowing water at each other, eating pie and making smoke and that they will not molest a visitor. ❁ So we pass again into the open air. ❁ After walking to the back end of the campus we enter the shops. ❁ My friend is surprised to find that these dirty and greasy fellows who are handling the machines so skillfully are only Polys and not regular workmen. ❁ With all this dexterity they grow careless at times and some little accident occurs, such as having a finger or two ground up in the cogs, or having one taken off by a planer. ❁ But this matters little as long as you don’t spoil your work. ❁ In the draughting room, there, you see the inventive ingenuity of Rose liberated, superb but unappreciated. ❁ ❁ ❁ ❁ Fearing our visitor would not understand my explanation of the various testing machines, I take him back through the boiler room to the Blacksmith Shop. ❁ Here are some Freshman Civils making a round bar square and then back to the round again for practice, for they have been in here only a short time. ❁ We wonder if they will ever be able to forge a piece so nice and true as that which we see Frank, the blacksmith, making, but fear not. They seem most accomplished in wearing blisters on their hands, and wear-

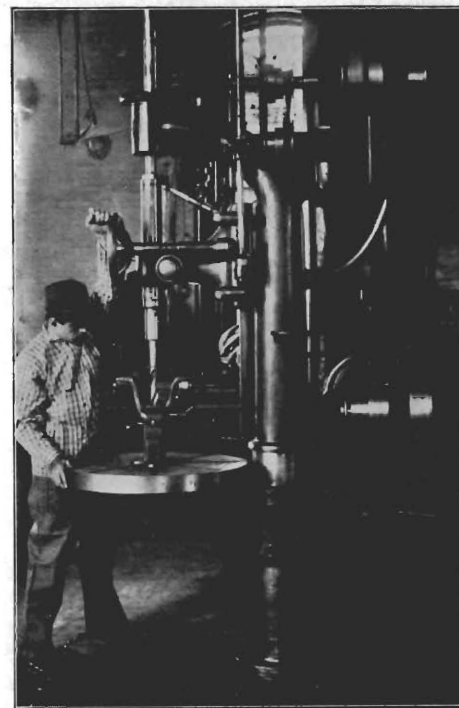


Photo by Michel, '03.



Photo by Michel, '03.

“'Arry” starts with such an eloquent flow of profanity — one of the languages taught, at least learned better than those up at the main building — that I hurry our visitor out and up into the more Sunday-school-like department, the Wood Shop. ✿ But alas! it is too late to see what kind of work they do here, for we are confronted by a group eating their dinner. ✿ We know it is useless to stay longer and realize that we have to follow this group’s example, so depart at once.

ing out the seats of their overalls on the anvils. ✿ We start into the roundry but jump back just in time to miss a handful of sand that some one has generously given to his neighbor. ✿ “'Arry” says “D— it, don’t do that, you will ruin all these molds on the floor.” ✿ One fellow is asleep in the sand trough and the rest are standing idly around. ✿ We wonder why “'Arry” says “Don’t work so hard,” but soon see it is only a way of getting their attention so he can tell them a story of how he cast a live bird in a cage. At this point some more sand flies across the foundry and



Photo by Blair, '03.

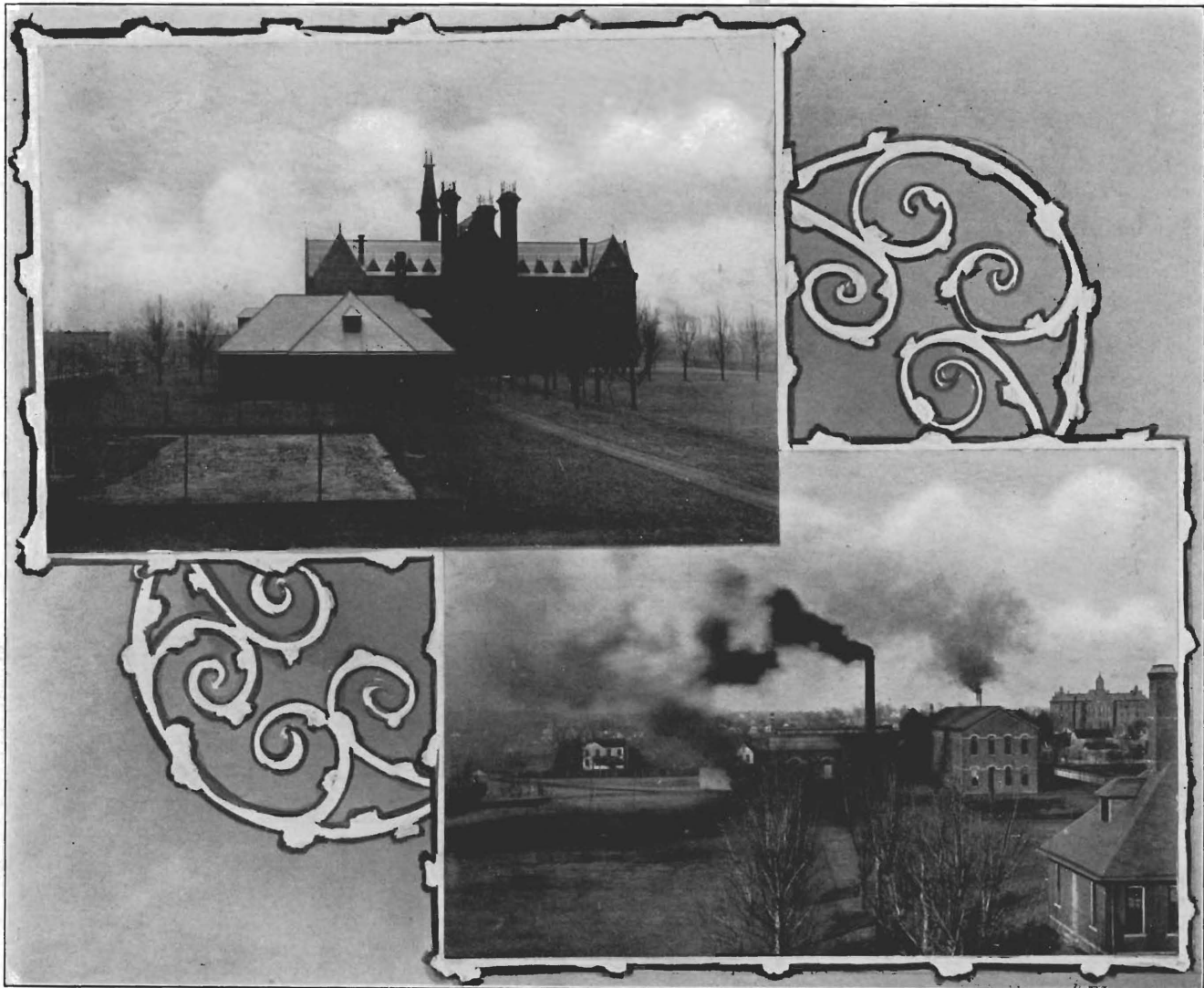
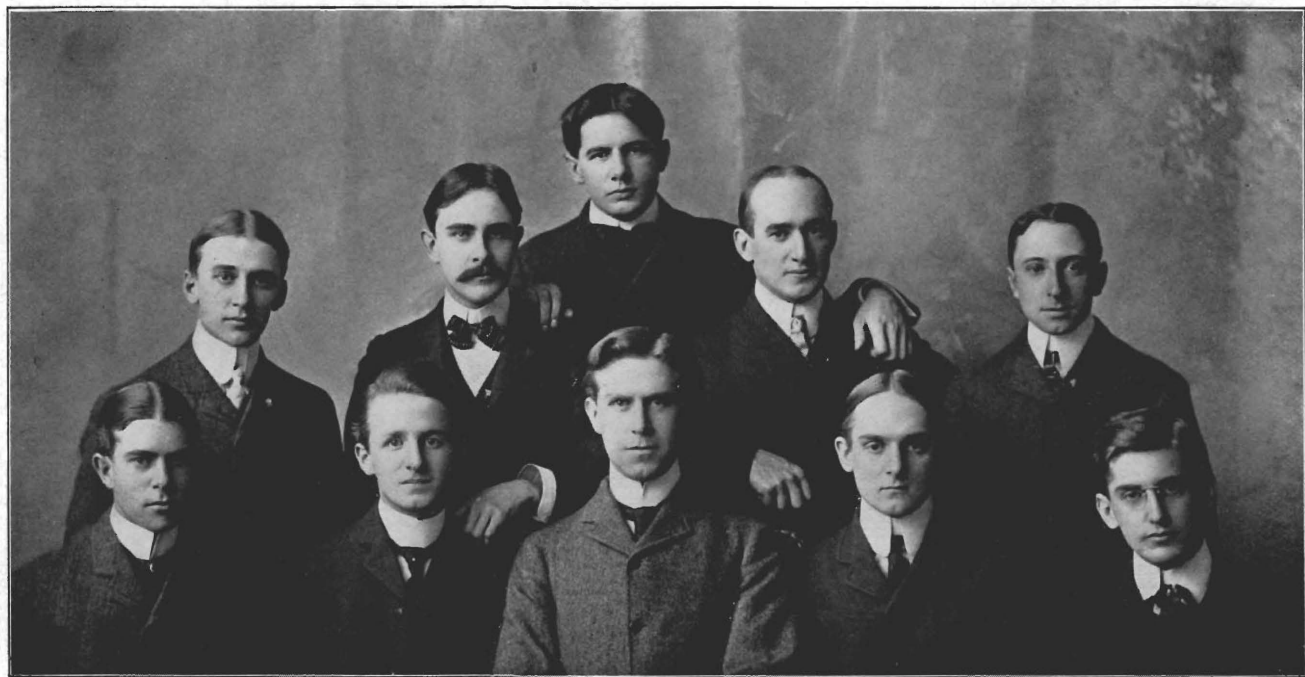
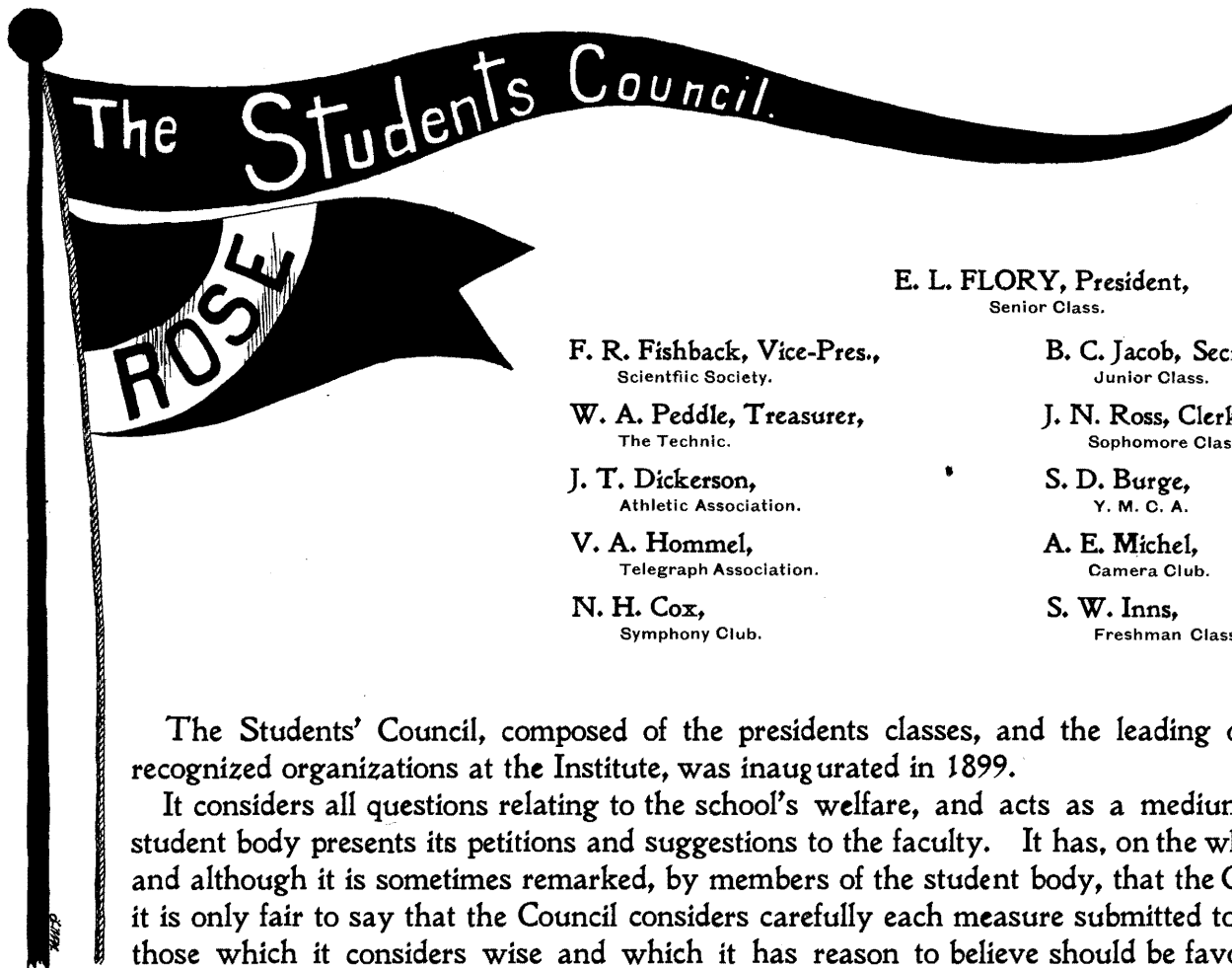


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Junior Class.

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Sophomore Class.

S. D. Burge,
Y. M. C. A.

A. E. Michel,
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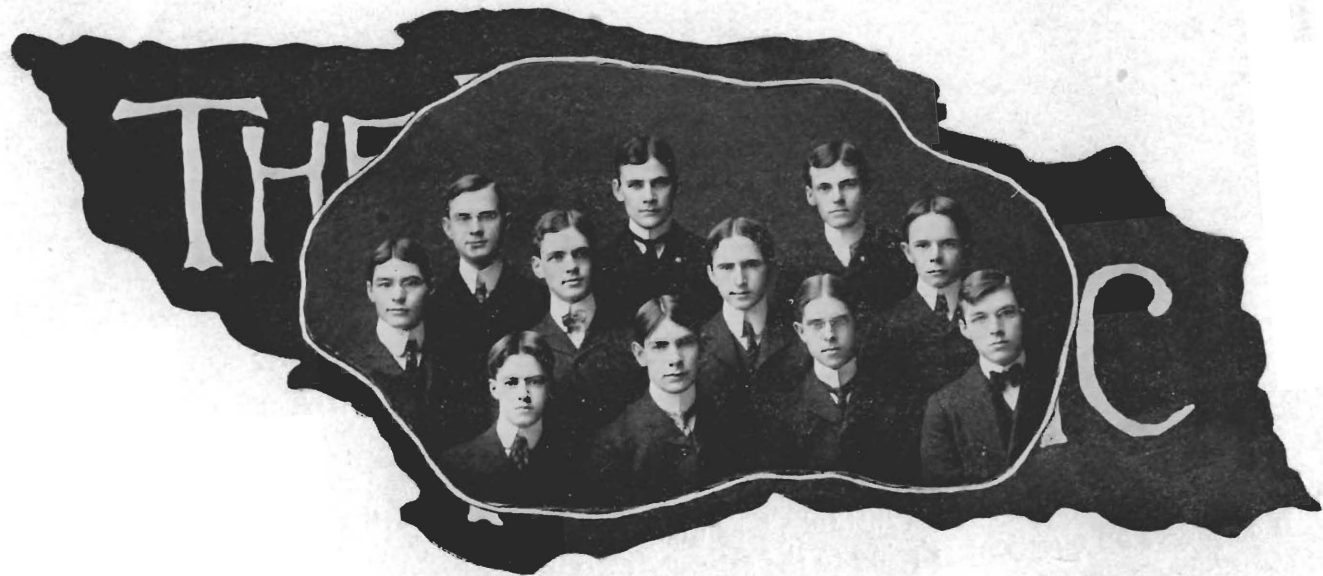
J. T. Dickerson,
Athletic Association.

V. A. Hommel,
Telegraph Association.

N. H. Cox,
Symphony Club.

The Students' Council, composed of the presidents classes, and the leading officers of each of the recognized organizations at the Institute, was inaugurated in 1899.

It considers all questions relating to the school's welfare, and acts as a medium through which the student body presents its petitions and suggestions to the faculty. It has, on the whole, proved a success, and although it is sometimes remarked, by members of the student body, that the Council must be asleep, it is only fair to say that the Council considers carefully each measure submitted to it, and presents only those which it considers wise and which it has reason to believe should be favorably received by the faculty. In this manner it is winning the confidence of the faculty and it rests, to a considerable extent, with the student body to see that this confidence is not misplaced.



THE ROSE TECHNIC

A COLLEGE
JOURNAL
DEVOTED TO THE
PUBLICATION OF
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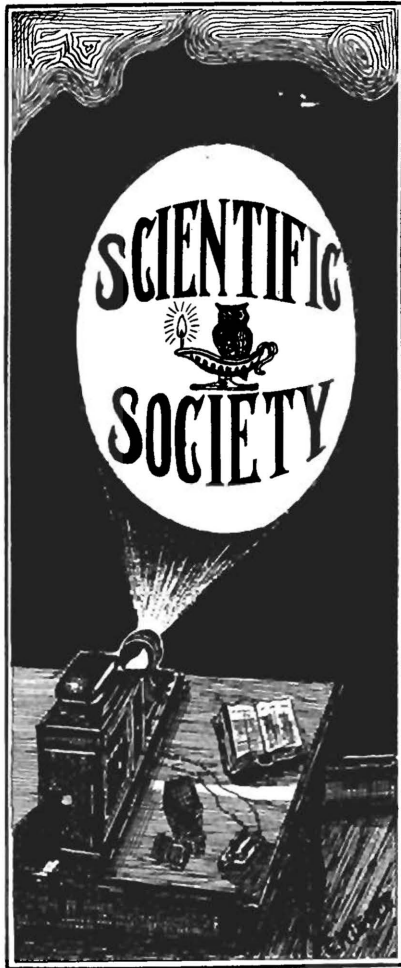
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Fred B. Lewis	
Alfred N. Austin	Artist.

EXECUTIVE DEPARTMENT.

Chester L. Post	Business Manager.
Robert F. Garrettson	Assistant Business Manager.





THE Scientific Society, which is now in its seventh year, has presented many very useful papers, the object of the society being the discussion of current scientific events of an interesting nature. With the aid of a fine stereoptican, the speaker can illustrate his lecture with numerous slides, thus being able to present his subject in the clearest and most attractive form.

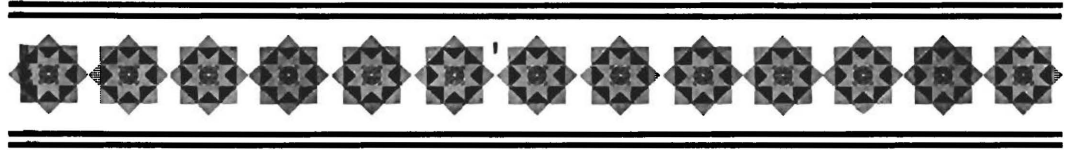
The past year the President has succeeded in arranging a very fine program, the papers being particularly full of interest and information.

The program as carried out is as follows :

The Distributive System of a Modern Electric Plant	H. A. Schwartz.
The Tintic Mining District	R. A. Oglesby, '03.
The Manufacture of Vitrified Brick	M. W. Blair, '03.
The Gas Engine	Robert Schefferly, '03.
Refrigerating Machinery	C. H. Hills, '02.
Subways	J. A. Cushman, '03.
Photography	George Holloway.
Electric Meters	F. R. Fishback, '02.



- F. R. Fishback, President.
- H. Blair Pettit, Secretary-Treasurer.
- C. H. Hills, Senior Councilor.
- A. A. Krieger, Junior Councilor.
- Dr. Noyes, } Faculty Representatives.
- Prof. Peddle, }



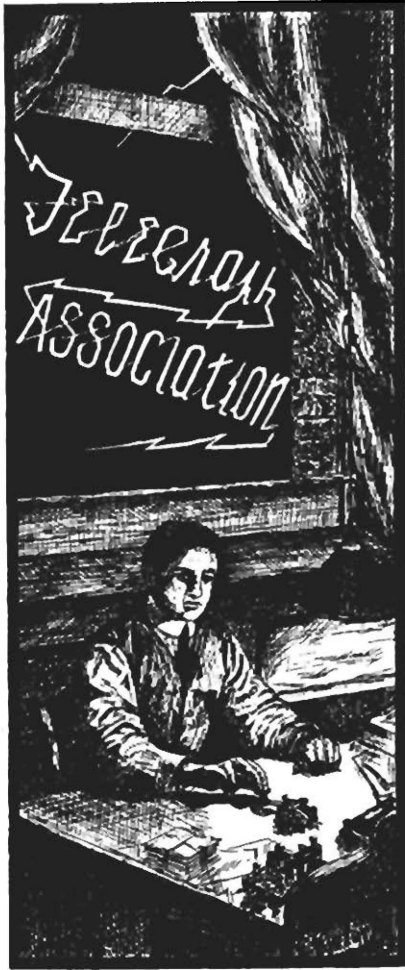
IN rendering service to the student body, the Y. M. C. A. stands among the first. ✿ It makes the acquaintance of the new student, answers his (fool) questions and helps him find comfortable and convenient quarters. ✿ Its well furnished reading room, enjoyable receptions, helpful prayer meetings and bible classes lend much toward brightening life at Rose. ✿ The issue of the hand-book has become an important part of the work, and is much appreciated, being a record breaker for convenience and reliability. ✿ Besides all this regular work, there was established, last year, a loan fund to give financial aid to worthy students.



H. S. Kellogg, President.

C. B. Cook, Vice Pres. and Cor. Sec.

M. B. Miller, Sec.-Treas.



— — — — — is very frequently heard coming from the sounders of the Rose Telegraph Association, followed by — — — — — ! The exclamation point does not come over the wire bodily, but is easily understood from the tone of the instrument. For the uninitiated, we explain that the first is r, r, r, meaning “repeat,” and as for the other, well, that looks better when left in the Morse code, so we will let it pass.

Surely telegraphy is of great interest, and may be of great use to the engineer, and the enthusiasm with which the members of the association, and they are many, look after its interests, indicates that the boys appreciate this fact.



V. A. Hommell, President.

A. A. Krieger, Superintendent.

Sol Levi, Secretary-Treasurer.



ONE needs to but look into the Camera Club case, or at the collections of photographs possessed by some of the members of the club, to realize that we have photographers rather than "camera fiends." We watch the photographer manipulate his camera with the same interest that we follow the true sportsman with his rifle, but the "camera fiend" may be likened unto the proverbial "small boy with a gun."

Photography has become of such importance to engineers, that no student should fail to improve the opportunity offered by the Rose Tech Camera Club. A dark room, completely furnished, is for the exclusive use of club members. Any student, owning a camera, may become a member by signing the constitution.

A. E. Michel, President.

V. A. Hommel, Vice President.

M. W. Blair, Secretary-Treasurer.









THE ROSE SYMPHONY CLUB
AUSTIN

N. H. Cox, President.
F. B. Lewis, R. D. Landrum, Vice Presidents.
J. Regan, Secretary-Treasurer.

GLEE CLUB.

FIRST TENOR.

Harry R. Kningt '04	Carl D. Fisher '03
Chas. E. Leedy '05	Will H. Hazard '04
Herbert E. Shryer, '05.	

SECOND TENOR.

Irving J. Cox '03	Henry W. Uhl '02
Leo F. Dorn '04	Cleo B. Cook '05
Henry S. Kellogg '03	N. Hadley Cox '03
Ralph C. Blanchard '05	Alan McDonald '05

FIRST BASS.

J. Dow Sandham '04	Chas. H. Jumper '02
Chas. R. Peddle '05	George Benson '05
George H. Crain '04	Clyde E. Tipton '04

SECOND BASS.

Fred B. Lewis '05	Chester L. Post '03
John F. Regan, Jr. '04	Robert D. Landrum '04
Chas. B. Trowbridge '05	Gordon G. Brooks '05

DIRECTOR OF GLEE CLUB MRS. ALLYN G. ADAMS.
DIRECTOR OF ORCHESTRA MR. J. DOW SANDHAM.
ACCOMPANIST MR. ARTHUR J. PAIGE.

ORCHESTRA.

VIOLINS.

J. Edward Daily '05	Russell B. Hopkins '05
Chas. H. Jumper '02	Leo. F. Dorn '04
H. Edmund Wiedemann, '03.	

Viola—Wm. H. Bowsher '04

'Cello—Tracy Morrow

Clarinet I—Robt. D. Landrum '04

Clarinet II—Richard Benbridge '06

Flute—Arthur Worthington '05

Cornet I—Archie Morrow

Cornet II—Donald H. Atherton '05

Bass—Chas. E. Scott '86 Trombone—G. Edward Talley

Piano—Arthur J. Page, '02.

ROSE GLEE CLUB OFFICERS.

President—Fred B. Lewis, '05	Los Angeles
Vice-President—N. Hadley Cox, '03	Terre Haute
Secretary-Treasurer—John F. Regan, Jr., '04	Terre Haute

ROSE ORCHESTRA OFFICERS.

President—Robert D. Landrum, '04	Terre Haute
Vice-President—Leo F. Dorn, '04	Louisville
Secretary-Treasurer—J. Edward Daily, '05	Terre Haute



SING A MERRY SONG FOR THE R. P. I.

Written for the Rose Glee Club by MRS. CARRIE B. ADAMS.

p **Con spirito.** *m* **1**

Sing a mer - ry song for the R. P. I., Sing a mer - ry song for the R. P. I., Sing a mer - ry song,

The first system of the musical score consists of four staves. The top staff is the vocal line, written in a soprano clef with a key signature of one flat and a time signature of 4/8. It begins with a piano (*p*) dynamic and a tempo marking of **Con spirito.** The melody is marked with a mezzo-forte (*m*) dynamic and a first ending bracket labeled **1**. The lyrics are: "Sing a mer - ry song for the R. P. I., Sing a mer - ry song for the R. P. I., Sing a mer - ry song,". The second and third staves are the piano accompaniment, with the right hand in a treble clef and the left hand in a bass clef. The piano part features a steady eighth-note accompaniment in the left hand and chords in the right hand. Dynamics include piano (*p*) and mezzo-forte (*m*).

ff **2**

Sing a mer - ry song! Sing a mer - ry song for the R. P. Pol - y, Pol - y! Sing a mer - ry song,

The second system of the musical score consists of four staves. The top staff is the vocal line, continuing from the first system. It features a fortissimo (*ff*) dynamic and a second ending bracket labeled **2**. The lyrics are: "Sing a mer - ry song! Sing a mer - ry song for the R. P. Pol - y, Pol - y! Sing a mer - ry song,". The piano accompaniment continues in the second and third staves, with a fortissimo (*ff*) dynamic marking in the right hand. The score concludes with a double bar line and repeat dots.

SING A MERRY SONG FOR THE R. P. I. Continued.

Pol - y,
Dad - dy,

Pol. Pol.

Sing a mer-ry song for the R. P. I. A song, yes, a song sing for the Pol - y, A
We'll sing of the shops and the Dad-dy wires, We'll

Pol Pol. Pol. Pol. Pol. Rah! and it's R. P. Pol - y! Pol - y!
yes, we'll sing of Dad-dy! Dad-dy!

Pol. Pol. Pol. Pol. Pol - y.
Dad. Dad. Dad. Dad. Dad - dy.

Pol. Pol. Pol. Pol.
Dad. Dad. Dad. Dad.

song for her men so gay and jol - ly, With hearts that are free from care or
sing of the boil - ers and the fi - res, We'll sing of the work that Dad re-

Rah! for her men so jol - ly. jol - ly, Pol. Pol.
Rah! yes, we'll sing of boil - ers and of fires, fires,

SING A MERRY SONG FOR THE R. P. I. Continued.

Pol - y.
Dad - dy.

fol - ly,
quir - es,

Rah! rah! rah! rah! rah! rah! And it's
Rah! R. P. I. R. P.

Rah! and it's good old Pol - y, Pol - y!
Rah! of the work that Dad - dy gives us!

The first system of the musical score consists of four staves. The top staff is the vocal line, starting with the lyrics 'Pol - y. Dad - dy.' and 'fol - ly, quir - es,'. It features dynamic markings of *f* and *ff*. The second staff is the bass line, with lyrics 'Rah! rah! rah! rah! rah! rah! And it's Rah! R. P. I. R. P.' and 'Rah! and it's good old Pol - y, Pol - y! Rah! of the work that Dad - dy gives us!'. The third and fourth staves are the piano accompaniment, with dynamic markings of *f* and *ff*.

Pol. Pol. Pol. know-ing, Pol. trig. Pol. Pol. trig. trig.

I. Pol - y! Pol - y! Pol - y! Sing of the fac - ul - ty so knowing, Sing of the
Sing of ge-ome - try, dutch and trig; Why does Cal-

Rah! And its ver - y knowing, knowing! Pol. Pol.
Rah! And its dutch, ge - o - me-try, and trig. trig.

The second system of the musical score consists of four staves. The top staff is the vocal line, with lyrics 'I. Pol - y! Pol - y! Pol - y! Sing of the fac - ul - ty so knowing, Sing of the' and 'Sing of ge-ome - try, dutch and trig; Why does Cal-'. It features dynamic markings of *p* and *f*. The second staff is the bass line, with lyrics 'Rah! And its ver - y knowing, knowing! Pol. Pol. Rah! And its dutch, ge - o - me-try, and trig. trig.'. The third and fourth staves are the piano accompaniment, with dynamic markings of *p* and *f*.

SING A MERRY SONG FOR THE R. P. I. Concluded.

Pol. trig. Pol. trig. go - ing. big. Pol. big, Pol. big, Pol. big, Pol. big, Pol. grow-ing. big, Pol - y.

sen - iors that are go - ing, In Sing of the ties of friend - ship grow-ing,
 cu - lus look so big, nine - teen ten we'll not care a fig,

Pol. trig. Pol. trig. Pol. Rah! for the sen - iors go - ing, go - ing, gone, gone, gone, gone, gone, gone, Rah! for the
 trig. Why does Cal - cu - lus look so ver - y big, big, big, big, big, big, big, big, big, Rah! and we'll

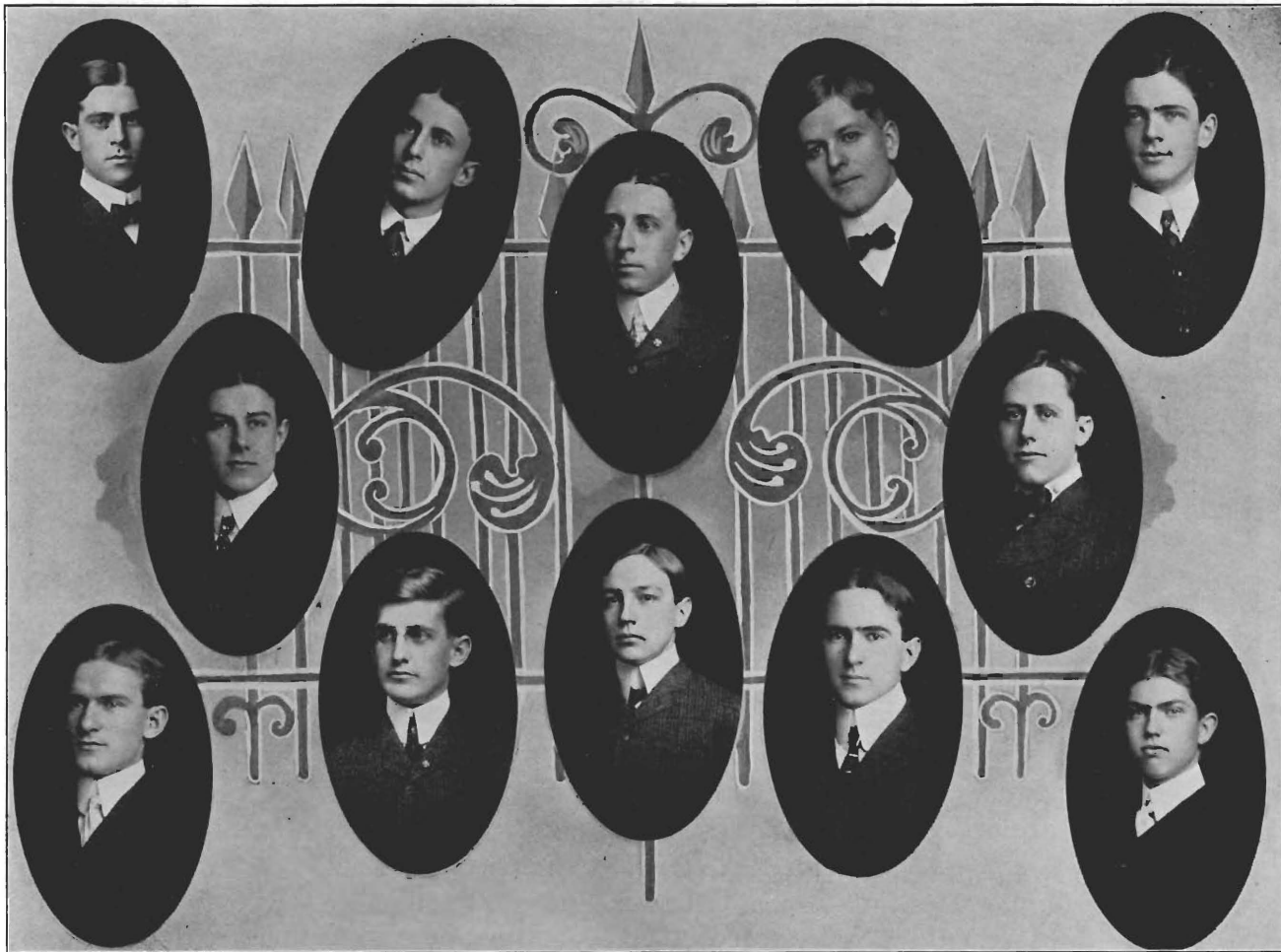
Pol - y, Pol - y, Pol - y, Pol - y! Rah! rah! rah! and its R. P. I..... Rah!

friends of Pol - y, Pol - y!
 not care a fig! And its





Dreka, Photo.



Peddle
Ingle

Burt

Streeter
Flory

Burge
Pine

Crain
Lewis

Mullett

Housum
Peddle

Active Chapters.



- Ala. Alpha Epsilon, A. & M. College, Auburn.
- Ala. Beta Beta, Southern University, Greensboro.
- Ala. Beta Delta, University of Alabama, Tuscaloosa.
- Ga. Alpha Beta, University of Georgia, Athens.
- Ga. Alpha Theta, Emory College, Oxford.
- Ga. Alpha Theta, Mercer University, Macon.
- Ga. Beta Iota, School of Technology, Atlanta.
- Cal. Gamma Iota, University of California, Berkeley.
- Col. Gamma Lambda, University of Colorado, Boulder.
- La. Beta Epsilon, Tulane University, New Orleans.
- Tex. Gamma Eta, University of Texas, Austin.
- Ill. Gamma Zeta, University of Illinois, Champaign.
- Ind. Gamma Gamma, Rose Polytechnic Institute, Terre Haute.
- Mich. Alpha Mu, Adrain College, Adrian.
- Mich. Beta Kappa, Hillsdale College, Hillsdale.
- Mich. Beta Omicron, Albion College, Albion.
- Neb. Gamma Theta, University of Nebraska, Lincoln.
- Kan. Gamma Mu, University of Kansas, Lawrence.
- Minn. Gamma Nu, University of Minnesota, Minneapolis.
- Me. Beta Upsilon, University of Maine, Orono.
- Me. Gamma Alpha, Colby College, Waterville.
- Mass. Gamma Beta, Tufts College, Boston.
- R. I. Gamma Delta, Brown University, Providence.
- Vt. Beta Zeta, University of Vermont, Burlington.

N. Y. Alpha Omicron, St. Lawrence University, Canton.
N. Y. Alpha Lambda, Columbia University, New York.
N. Y. Beta Theta, Cornell University, Ithaca.
Penn. Alpha Iota, Muhlenberg College, Allentown.
Penn. Alpha Upsilon, Pennsylvania College, Gettysburg.
Penn. Alpha Pi, Washington and Jefferson College, Washington.
Penn. Tau, University of Pennsylvania, Philadelphia.
N. C. Alpha Delta, University of North Carolina, Chapel Hill.
N. C. Xi, Trinity College, Durham.
Va. Delta, University of Virginia, Charlottesville.
O. Alpha Nu, Mt. Union College, Alliance.
O. Alpha Psi, Wittenberg College, Springfield.
O. Beta Eta, Wesleyan University, Delaware.
O. Beta Mu, Wooster University, Wooster.
O. Beta Omega, State University, Columbus.
O. Gamma Kappa, Western Reserve University, Cleveland.
Tenn. Alpha Tau, S. W. Presbyterian University, Clarksville.
Tenn. Beta Pi, Vanderbilt University, Nashville.
Tenn. Beta Tau, S. W. Baptist University, Jackson.
Tenn. Omega, University of the South, Sewanee.
Tenn. Pi, University of Tennessee, Knoxville.



Sigma Nu.



BETA UPSILON CHAPTER.



1902.

Claude E. Cox	-	-	-	-	-	-	-	-	Ind.
Charles H. Jumper	-	-	-	-	-	-	-	-	Ind.

1903.

Brent C. Jacob	-	-	-	-	-	-	-	-	Ky.
Harry S. Braman	-	-	-	-	-	-	-	-	Ind.
Charles L. Chamberlain	-	-	-	-	-	-	-	-	Mo.
Graham Davies	-	-	-	-	-	-	-	-	Ky.
Clarence A. Cohn	-	-	-	-	-	-	-	-	Utah.

1904.

Clifton Brannon	-	-	-	-	-	-	-	-	Ky.
Harry R. Knight	-	-	-	-	-	-	-	-	Ga.
J. Dow Sandham	-	-	-	-	-	-	-	-	Ia.
John F. Regan, Jr.,	-	-	-	-	-	-	-	-	Ind.
William C. Ketcham	-	-	-	-	-	-	-	-	Ind.
Thaddeus L. Hampton	-	-	-	-	-	-	-	-	Mich.

1905.

W. Francis Goode	-	-	-	-	-	-	-	-	Wis.
Charles B. Trowbridge	-	-	-	-	-	-	-	-	Mich.

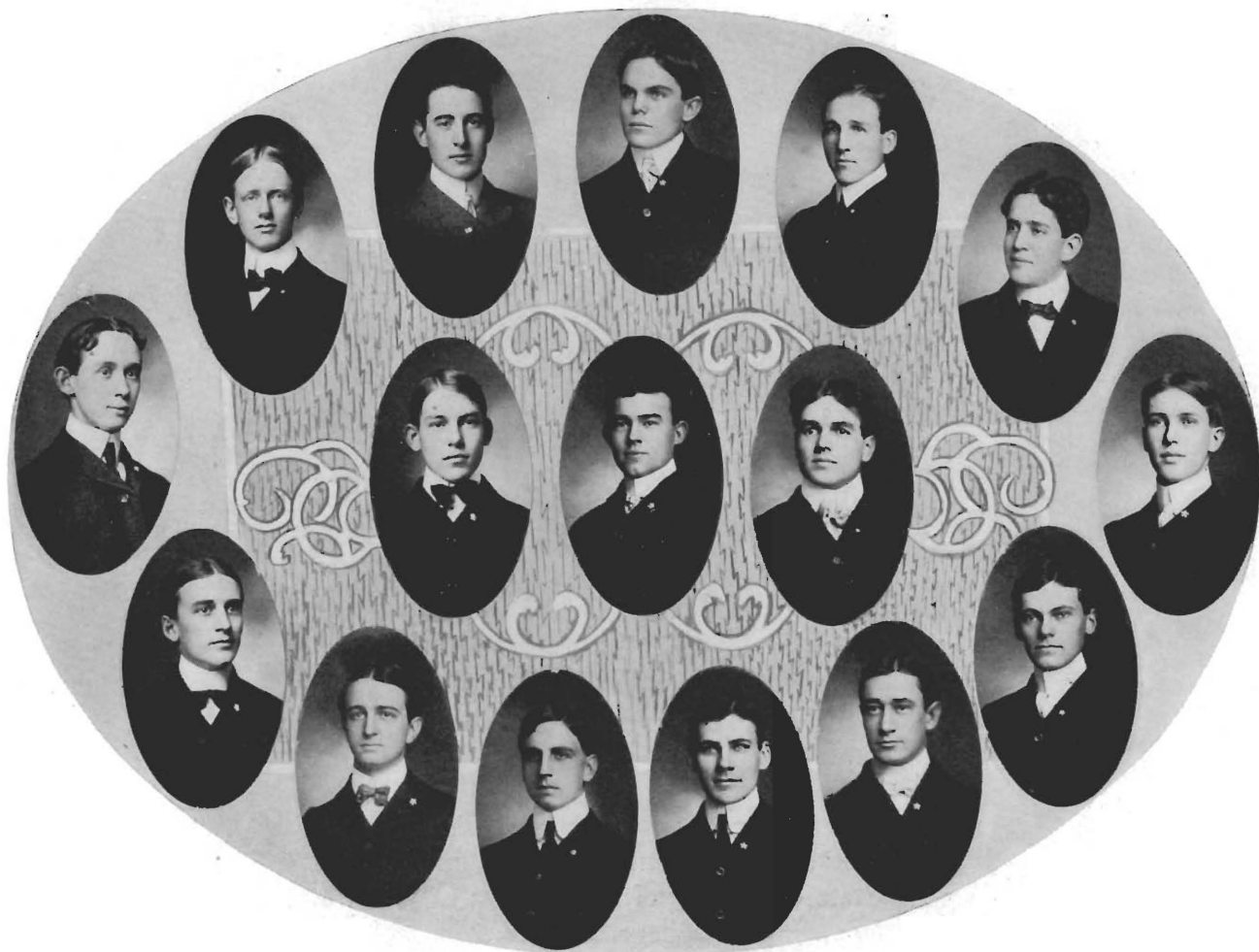
FRATER IN URBE.

J. Robert Riggs.



1199

FRANK R. BULL



Regan	Trowbridge	Goode	Brannon	Riggs	Cohn	Knight
	Jacob	Ketcham	Davies	Hampton	Sandham	
		Braman	Jumper	Cox	Chamberlain	

Active Chapters.



FIRST DIVISION.

Beta,	University of Virginia, Charlottesville.
Epsilon.	Bethany College, Bethany, West Virginia.
Lambda.	Washington and Lee, Lexington, Va.
Psi.	University of North Carolina, Chapel Hill, N. C.

SECOND DIVISION.

Theta.	University of Alabama, Tuscaloosa, Ala.
Phi.	Louisiana State University, Baton Rouge, La.
Beta Theta.	Alabama Polytechnic Institute, Auburn, Ala.
Upsilon.	University of Texas, Austin.
Iota.	Howard College, East Lake, Ala.

THIRD DIVISION.

Omicron.	Bethel College, Russellville, Ky.
Sigma.	Vanderbilt University, Nashville, Tenn.
Gamma Iota.	State College of Kentucky, Lexington, Ky.

FOURTH DIVISION.

Rho.	Missouri State University, Columbia, Mo.
Beta Mu.	State University of Iowa, Iowa City, Iowa.
Beta Xi.	Wm. Jewell College, Liberty, Mo.
Nu.	University of Kansas, Lawrence, Kan.
Gamma Eta.	Colorado School of Mines, Golden, Colo.

FIFTH DIVISION.

Pi.	Lehigh University, South Bethlehem, Pa.
Beta Sigma.	University of Vermont, Burlington, Vt.
Gamma Delta.	Steven's Institute of Technology, Hoboken, N. J.
Gamma Epsilon.	LaFayette College, Easton, Pa.
Gamma Theta.	Cornell University, Ithica, N. Y.

SIXTH DIVISION.

Mu.	University of Georgia, Athens, Ga.
Eta.	Mercer University, Macon, Ga.
Xi,	Emory College, Oxford, Ga.
Gamma Alpha.	Georgia School of Technology, Atlanta, Ga.
Kappa.	North Georgia Agricultural College, Dahlonega, Ga.

SEVENTH DIVISION.

Beta Beta.	DePauw University, Greencastle, Ind.
Beta Zeta.	Purdue University, LaFayette, Ind.
Beta Eta.	University of Indiana, Bloomington, Ind.
Beta Upsilon.	Rose Polytechnic, Terre Haute, Ind.
Beta Nu.	Ohio State University, Columbus, Ohio.
Beta Iota.	Mt. Union College, Alliance, Ohio.
Gamma Beta.	Northwestern University, Evanston, Ill.
Gamma Gamma.	Albion College, Albion, Mich.
Delta Theta.	Lombard University, Galesburg, Ill.

EIGHTH DIVISION.

Beta Chi.	Leland Stanford, Jr., University, Palo Alto, Cal.
Beta Psi.	University of California, Berkley, Cal.
Gamma Chi.	University of Washington, Seattle, Wash.
Gamma Zeta.	University of Oregon, Eugene, Ore.

BANQUETS.

(FROM SECRETARY'S BOOK.)

JANUARY 24, 1900.



As the evening of the twenty-fourth advanced, one could see individuals of the Class of '03 going toward the Terre Haute House, and assembling in room number fifty-one.

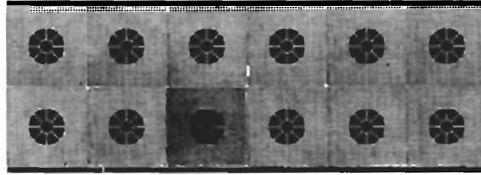
While we were waiting for the banqueting hour to arrive, several of our members amused themselves by bringing Sophomores into the room and compelling them to wear our class hats, etc. ♣ They were so well pleased with the hats, however, that later they broke in and carried eleven of them away.

At last the eventful hour arrived and forty-two of our gallant class repaired to the cafe where everyone enjoyed, to his utmost, the first "Annual Feast." ♣ The banquet itself was a very delightful affair and was interspersed throughout the courses with toasts.

The toast-master was introduced, with some very fitting remarks, by our president, Mr. Peddle. ♣ Mr. Oglesby responded, and called upon the following for toasts:

- | | |
|---------------------------|-------------------|
| The Class, | Mr. Blair. |
| The Faculty, | Mr. R. B. Arnold. |
| The East, | Mr. Cohn. |
| The West, | Mr. S. F. Arnold. |
| The Sophomores, | Mr. Braman. |
| The Ladies, | Mr. Jacob. |
| Our Prospects, | Mr. W. D. Ingle. |

Breinig's orchestra furnished music, and cigars were enjoyed until a late hour, when the scene of festivities was left and the class, in a body, made several informal calls on the Sophomores, whom it entertained until an early hour Thursday. ♣ The Freshman banquet of '03 has gone into history, but not without leaving with each member most pleasant remembrances and a feeling of undisputed triumph.




SOPHOMORE BANQUET

PRESIDENT
H.W. PALMER

TOAST MASTER
R.B. ARNOLD

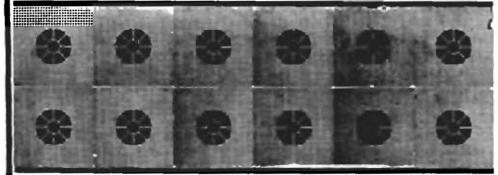
THE FACULTY
R.J. ROFFEND
ATHLETICS
W. Z. BIDDLE
THE LADIES
P.W. BLAIR

OUR NEW MEMBERS
J.A. CUSHMAN
THE FRESHMEN
R.A. OSLESBY
PROPHETES
H.B. PITTIF
J.E. FITZPATRICK



TO-NIGHT

A. AUSTIN.

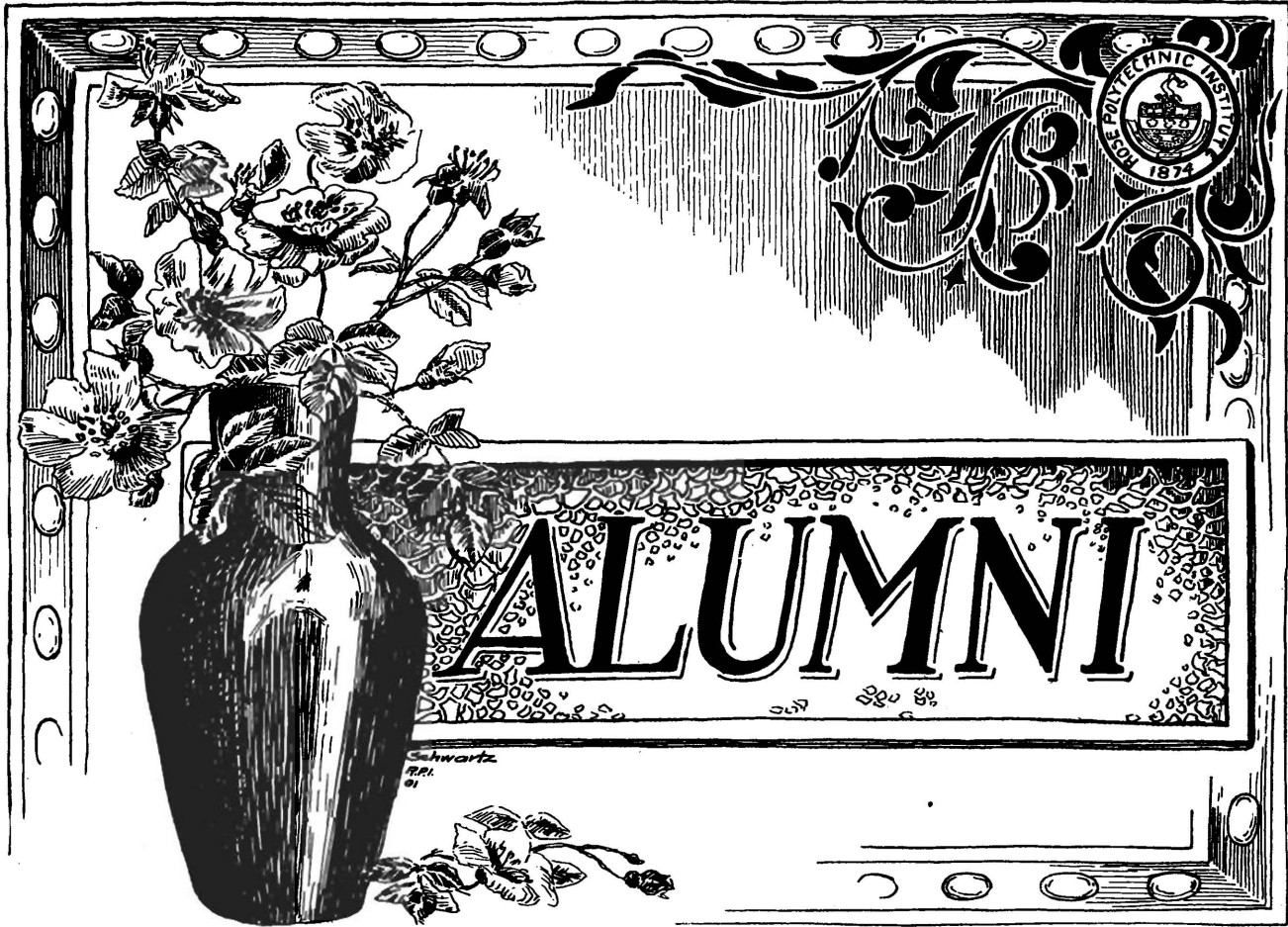


FEBRUARY 1, 1901.



HE long looked-for poster, announcing our Sophomore banquet, appeared in the Camera Club's case about four P. M.

The Class immediately left in a body for the Terre Haute House. ✽ Here they amused themselves, at the proprietor's expense, until 8 o'clock, when they repaired to the Ordinary in which the banquet was served. ✽ It was a most excellent spread, and although the class had voted a "dry" banquet, it proved dry in the temperance sense only, for the toasts between the courses were a veritable flow of wit and good humor. ✽ When the banquet proper had run its course the fellows settled back in comfortable chairs and enjoyed smoking, story telling and singing until a late hour.



Alumni Association.



Herbert W. Foltz, 1886 President.
Robert L. McCormick, 1891 Vice President.
John B. Aikman, 1887 Secretary-Treasurer.

EXECUTIVE COMMITTEE.

John B. Peddle, 1888, Chairman.
Victor K. Hendricks, 1889.
Edwin S. Johonnott, 1893.

ALUMNI MEMBERS OF BOARD OF MANAGERS.

Victor K. Hendricks, 1889.
W. Arnold Layman, 1892.



ROSE TECH CLUBS.



Rose Tech Club of Chicago.

Rose Tech Club of Indianapolis.

Rose Alumni Association of St. Louis.

Rose Tech Club of Pittsburgh.

Rose Tech Club of Louisville.



ALUMNI LETTER.



“Reverend sirs,
For you there’s rosemary and rue: these keep
Seeming and savour, all the winter long:
Grace and remembrance, be to you both.”

✿ I find upon the perusal of Mr. Foltz’s able epistle in the last Modulus that he has expressed my thoughts and sentiments so exactly that I can only, at the risk of plagiarism, attempt to enlarge what he has already said. ✿

✿ And yet, where the risk? ✿ Do not the thoughts of olden days, of days of youthful trial and pleasure at our beloved Alma Mater, provide unlimited themes for mental enjoyment? ✿ Ah! You who are now passing through those halls, sacred to us by hallowed memories, cannot realize the pleasure which remembrance brings to us further out on Life’s troubled seas, buffeted, maybe, by the rough waves of chance misfortune. ✿ How each incident, at the time considered trivial perchance, stands out illumined by the torch of time and brings its meed of pleasure.

✿ It was my extreme good fortune to be able to visit Rose last Fall, the first time since the Fall of ’95, and of course I found much changed, yet much the same. ✿ I found the boys all earnestly endeavoring to uphold all that was best of the traditions of the school, while such changes as had been inaugurated had been for material advancement and had kept the school strictly up to date in every sense of the word. ✿ And this is indeed, it seems to me, the proper mixture of conservatism and liberalism, of love for precedent, when time has proved that precedent true, and regard for the new, when the new gives ample promise for greater things, a larger field for the exercise of our talents, and greater fame thereby. ✿ ✿ ✿ ✿ ✿ ✿ ✿ ✿ ✿ ✿

✿ As I have said I found many improvements, the most notable of which is, of course, the Gymnasium. ✿ When I was treading those sacred halls of learning, endeavoring to absorb at least the crumbs, from the feasts of learning which we daily enjoyed (?), we were accorded the privilege of occupying the “well lighted apartments in the basement” so dear to the earlier catalogues of the Institute. ✿ It was so low that the writer still vividly remem-

bers a crack which he got in the head once when attempting to swing a pair of Indian clubs. ✱ We had to excavate a hole in one end of the room for the horizontal bars, and when one of acrobatic frame, or should I say "turn"?, of mind wished to do the "giant swing" or such other gentle pastime, why he didn't do it, that was all. ✱ The excellent illumination struck you fairly in the eyes, and nowhere else that I was ever able to discover. ✱ As gymnasts, therefore, you can readily see that we could hardly excel. ✱ ✱ ✱ ✱ ✱ ✱ ✱ We had no Tennis Courts at first worthy of the name, a court being marked out on the grass at both the east and west end of the main building. ✱ After awhile however, to accomodate the increasing athletic spirit started and fostered by the Institute's second president, Dr. T. C. Mendenhall, a Tennis Club was formed and permission obtained to establish four dirt courts near the Shops and on the site of the present courts. ✱ This Club was not a branch of, nor under the control in any way of the school Athletic Association at the time of its inception and for a short time after, the latter being in rather an embryonic state; but after awhile so many more wished to play than the old grass courts could accomodate, who objected to paying club dues as well as the regular Athletic dues, that under increasing pressure we sold out to the Association, getting practically what we had paid in to the club. ✱ We had no permanent track then nor any grand stand for the "rubbers." ✱ The track was laid out by the "Civils" a few weeks before each Fall or Spring Field Day and those of us who were so inclined would go out and "hike" around it a few times by way of training. ✱ There were then no lack of contestants however, for class spirit and rivalry ran high, and the preliminary Field Days, held for the purpose of determining the track team in the State Intercollegiate meets, were often as hotly contested both by principals and their "rooters" as the State events themselves. ✱ The preliminaries over, however, all class rivalry disappeared and the chosen few were as carefully helped and "boomed" as they had been "knocked" before. As I said before we had no grand stand to which to make plays, those of our fair partisans, and there was and I hope always will be a goodly number, who came out to see our base-ball or foot-ball or track events were provided with chairs or camp stools, or if unfortunate, with their own dresses as seats while viewing the scenes. ✱ ✱ ✱ ✱ ✱ ✱ ✱ The grand stand was built during my Junior year, if I remember rightly, and the first steps to secure a permanent track were made during my Senior year by skinning off the sod from the track as marked out by the "Civils." ✱ In spite of the above inadequate facilities, or perhaps after all on account of them—for nothing develops strength, either physical, mental or strength of character like resistance which can be overcome but requires labor and thought to do so—in spite of all these we held our own and for seven consecutive years the

“Old Rose and White” held the Indiana pennant for field sports, and got more than her share of base-ball games. We did not have a 'Varsity foot-ball team then but each class had one and the fall was well taken up in playing off a schedule arranged between the classes. * * * * *
* The practice of playing the Sophomore-Freshman game of base-ball on the first Saturday of the School year was then in vogue as now, but pipe rushes were not inaugurated until my Junior year. * They were not conducted under fixed rules as they are now but were simply heterogeneous mixups; they were none the less interesting for all that however. * In the Spring wonderful base-ball was played between the Seniors and the Faculty. * * *
* With the coming of the first frosts nutting parties were much in vogue and later gave up to skating parties on the nearby ponds and, rarely, on the river itself. * In the spring, boat rides up and down the river were in style and several of us made our own boats and canvas covered canoes in the Shops. * * * * *
* The work was much the same then in character, if not in extent. * In the Shops during our Freshman terms we were put through our paces by “Grandpa” Sherman, a gentleman with large white whiskers and benevolent aspect who has since passed into the Beyond;

“So may he rest; his faults lie gently on him.”

* Mr. Logan, who is still with you, presided over the destinies of the Machine Shop, while 'Arry, the only 'Arry, taught us the rudiments of story telling with foundry practice incidentally thrown in. * Up at the main building “Billy” Ames and his whistle pursued us through drawing lessons. * With “Billy” Kirschner we attempted wild and fearful improvements on Euclid, while Prof. Clarence A. Waldo recited of that “beautiful Fairyland called Infinity, where the center of the parabola sleeps in peace while two parallel lines meet as they pass by.” * “Wicky” too — and who does not remember that genial teacher of “langwidge” and celebrated raconteur, who, ever ready for excitement tried multitudinous schemes upon us for the teaching of the aforesaid “langwidge” and when any of them succeeded tried others (!). * * * * *
* Nor do we forget “Doc” Mees who gave us our Physics not in homeopathic doses, although even then there was always something which, on account of the delicate state of our intellects, had to be left for “a little later on.” * “Ducky” Gray, whose “slopping” planes we diligently labored to comprehend, is another of our old friends and a friend also of you of later days. * I have my notes of the Doctor's lectures in Applied Mechanics elaborated and find frequent occasions to refer to them. * * * * *

✿ Dr. Noyes, also, he of the lightning tongue and ruler of the “place of smells.” ✿ By the way, the present arrangement of the chemical lecture room in the same building with the laboratory is a vast improvement over the old and must save the Doctor many a weary and unnecessary step. ✿ ✿ ✿ ✿ ✿ ✿

✿ Of the boys:—many memories of them come crowding into my mind, far too many to here set down both on account of lack of space and of the danger of wearying you, if I have not already done so. ✿ Memories of the two Klingers whose riding helped many a Field Day score, of Darst who threw the hammer so far that search parties always started out before he threw so as not to delay the game too much through loss of the hammer. ✿

✿ One boy whose troubles stand out vividly before me was Hennen, a Kentuckian, who was always referred to as 'Amilton Haitch 'Ennen, of 'Awwsville, 'Ancock Co., Ky. Hamilton bought an “Eagle” bicycle, a wheel similar to the old “Star” machine, but having crank pedals with differential gears instead of the lever, strap and ratchet arrangement of the “Star.” ✿ The thing weighed about 87 pounds and was a load for a derrick. ✿ The back stairs on the west side were then covered with a “Cattle Chute” leaving about two feet between the side of the “Chute” and the central transept of the building but only a few inches between the side of the “Chute” and the abutment at the corner. ✿ Some of the boys put Hamilton’s wheel in this space and then about forty of us gathered on the campus and in the nearest windows to watch him get it out, he had to lift it straight up over the “Chute,” and gave him advice as to the best method of getting it out. ✿ Advice which you can very readily imagine was gratefully (?) received. ✿ ✿ ✿ ✿ ✿ ✿ ✿ ✿ ✿ ✿ ✿ ✿

✿ At banquet time we kidnapped, or were kidnapped as the case might be, and on Hallowe'en the usual pranks were played. ✿ For '92 I must claim the first concerted class action and attempt to leave more than a passing memento. ✿ We painted '92 in large white letters over one of the dormer windows on the roof on the south side of the main building near the center. ✿ It remained there for over two years plainly discernable and from this has arisen the latter day placing of monuments, tablets, etc., to perpetuate class history. ✿ The Technic was also started chiefly by members of '92, as was also the first “Greek” and the first Modulus was published by us. ✿

✿ It was with the deepest sorrow that I learned last year of the death of Col. R. W. Thompson who has been aptly styled ‘Terre Haute’s Grand Old Man,” and whose friendship for the Institute was of the strongest. ✿ His advice, given to the boys at each Commencement, was full of that wisdom which can come only from a long full life in the service of fellow men and a love for and knowledge of them. ✿ The Institute and Terre Haute lost a valued friend when he died. ✿ He was nearly 91 years old when he died and his whole life, almost, had been active in

his country's welfare, and although we regret the loss of such a man we cannot but feel that he amply earned his last long

“Rest for the toiling hand,
Rest for the thought-worn brow,
Rest for the weary way-sore feet,
Rest from all labor now!”

And now, as I bring this letter to a close, I wish to say to you and to all others who follow you, that as you step forward on Commencement Day to receive your diplomas, when your work at the Institute is finished and you are about to start out in life from the Haven which for four years has sheltered you, may these words come to you from Alma Mater as a parting benediction and admonition:

“Go where glory waits thee,
But while fame awaits thee,
O, still remember me.
When the praise thou meetest
To thine ear is sweetest,
O, then remember me.”

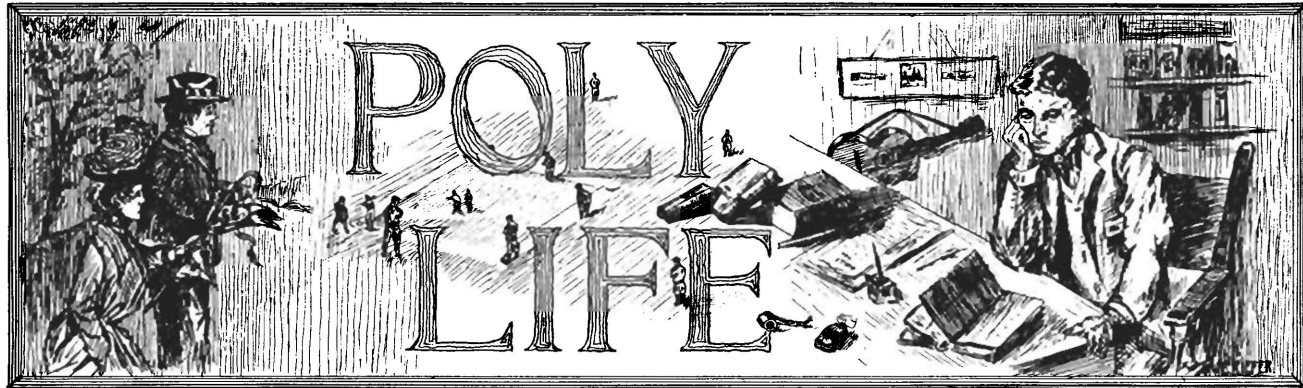
M. L. O.

Salt Lake City, Utah, May 5th, 1902.





"This sporting life is killing me."



IT is an afternoon in mid September. ✽ The train pulls into the station at Terre Haute and comes to a standstill. ✽ Several young men carrying grips step out upon the platform, and are met by some other young men, many of whom are wearing gray caps with a large R embroidered on the front. ✽ These are members of the Rose Tech Y. M. C. A. and a few of their school mates who have offered their services in helping the Freshmen find places to eat and sleep. ✽ One may think that this is an easy matter; let him try it once and he will be convinced of his mistake. ✽ ✽ ✽ ✽ ✽ ✽ ✽ ✽

✽ These gray capped boys take the new comers in charge and the search begins — up one dusty street and down another. ✽ In the hot September sun, one forgets the days, the previous winter, when the wind came sweeping across the C. & E. I. yards, lashing the tears from his eyes. ✽ ✽ ✽ ✽ ✽ ✽ ✽ ✽

✽ Many of the nicest rooms are already engaged by Sophomores and upper classmen who are to return, but at last a place is found which the new student says will do, and then for the boarding house. ✽ This is a comparatively easy matter to arrange. ✽ Two weeks after the convening of school, however, there is hardly a boarding house that has the same boys it started with. ✽ ✽ ✽ ✽ ✽ ✽ ✽ ✽

✽ Among this crowd of new comers is a big fellow, not too tall but heavily built. ✽ It is amusing to see how solicitous the boys are for his welfare. ✽ Here, perhaps, is further football material. ✽ ✽ ✽ ✽ ✽

✱ The old timers come straggling back until Wednesday noon, when the first classes are called. ✱ During the first term the Freshman is seldom seen upon the street at night, unless — well, unless he is the guest of some of his friends, the Sophomores. ✱ Why it is, is hard to explain; but for some unaccountable reason, each year the Sophomore class thinks it is its duty to “get the freshies into line.” ✱ And each year “Doc” tell the class that *he* is the head of the school, and that *he* will see any freshman who needs to be corrected for a fault; but the ideas of those who “run this place” and of Dr. Mees do not always agree on what constitutes a fault worthy of correction. ✱ Some Freshman, more bold than his fellows, ventures out to see how things on the street appear at night, but he is careful to look cautiously around a corner before rounding it himself. ✱ This caution is entirely useless, for as yet the Sophomores have not posted the rules by which the Freshmen are to govern themselves; but some of the Juniors, remembering quite well the views, by starlight, in and around the old sand pit, have been telling him what horrible things may happen to him. ✱ ✱ ✱ ✱ ✱ ✱ ✱ ✱ ✱ ✱ ✱

✱ A week later, however, embolden by success, he is strolling carelessly along when he hears a scamper of footsteps behind him. ✱ Glancing over his shoulder he sees several boys coming on the run. ✱ He recognizes a class sweater and breaks into a run himself. ✱ If he is fortunate enough to have a good strong pair of legs and to know how to use them, he may beat them to his room and throw up his fortifications. ✱ If not, soon a gentle (?) hand is laid upon his coat collar. ✱ Quick as a flash his wrists are bound behind him. ✱ On a near-by corner a cab is in readiness and he is invited to take a ride. ✱ Numerous corners are turned and finally the houses begin to be few and far between. ✱ It is then he realizes that he has left the town behind him and is going towards some lonely spot. ✱ When this is reached he is put down and his hands released; the cab drives quickly away, leaving him alone. ✱ Sometime in the wee small hours of the morning he may find his room and he may not. ✱ It all depends on the extent to which his bump of locality has been developed. ✱ ✱ ✱ ✱ ✱ ✱ ✱

✱ Or perhaps his captors fancy, a cold bath. ✱ This is less expensive and furnishes almost as much fun. Or, perhaps, he is sleepy and is put to bed on the springs. ✱ If he has been very careful, however, and has been able to keep out of the clutches of his monitors, he returns some evening to find no bed in his room, his clothing piled in the middle of the floor with the dresser and wash-stand on top, the pile surmounted by the chairs. ✱ When this is done, it must be done on the wholesale plan, for the wail of the housekeeper is sure to reach the Doctor’s ears, there is a general assembly, and the Sophomores are told that “the school can get along very nicely without a Sophomore class.” ✱ ✱ ✱ ✱ ✱ ✱ ✱ ✱ ✱ ✱ ✱ ✱

✿ Things are quiet and dull with the upper classmen for a time, but by reminding the Freshmen of their wrongs, and suggesting all manner of retaliation, things are enlivened again. ✿ Then does the Junior's heart rejoice. ✿ On the eve of All Saints' Day these two warring classes join hands to celebrate. ✿ The next morning the sun comes up to see the new decorations on the fences and walks. ✿ There they are in blue, green or red, R. P. I., followed by the class numerals. ✿ ✿ ✿ ✿ ✿ ✿ ✿ ✿ ✿ ✿ ✿ ✿ ✿

✿ If the before-mentioned young men had entered in the fall of '99, some of them might now be members of that great "frat" known as Theta Pi. ✿ To all appearances, Eta Pi would be a more appropriate name. ✿ What are the aims and purposes of this august body? ✿ Look at the picture. ✿ It must be a sister organization to the Sons of Rest. ✿ Perhaps it is the second degree of that great, world-wide brotherhood. ✿ ✿

✿ When does he study, this Poly student? ✿ These nights mentioned are only a few scattered throughout the year; the others are lost sight of—those other nights, when bent over a table he tries to drive some knowledge into his head by main force. ✿ ✿ ✿

✿ During the last part of his Senior year, the student is busy, quite busy, all day, and in the evening he spends his time telling the dear girls how he hates to leave them. ✿ After graduation, he follows the mandates of his Alma Mater — goes forth into the world to fight and conquer.



Photo by Michel, '03.

ROSE HUNTING AND FISHING CLUB



A. A. A. T. S. (ANTI-ALCOHOLIC ASSOCIATION OF TOUGH SPORTS.)

“Cap” Wittenberg, Pilot.

“Hotair” Wolverton, Engineer.

“Ed,” The Cook. (A Surly Nigger.)

✿ ✿ ✿ MEMBERS ✿ ✿ ✿

Barb,
Dick,
George,
Clem,
Harry R. K.,
Horse Power,

The Greaser.

Idaho,
Smitty,
Fitz,
Myron B. R.,
Jack,
Harry S. B.,

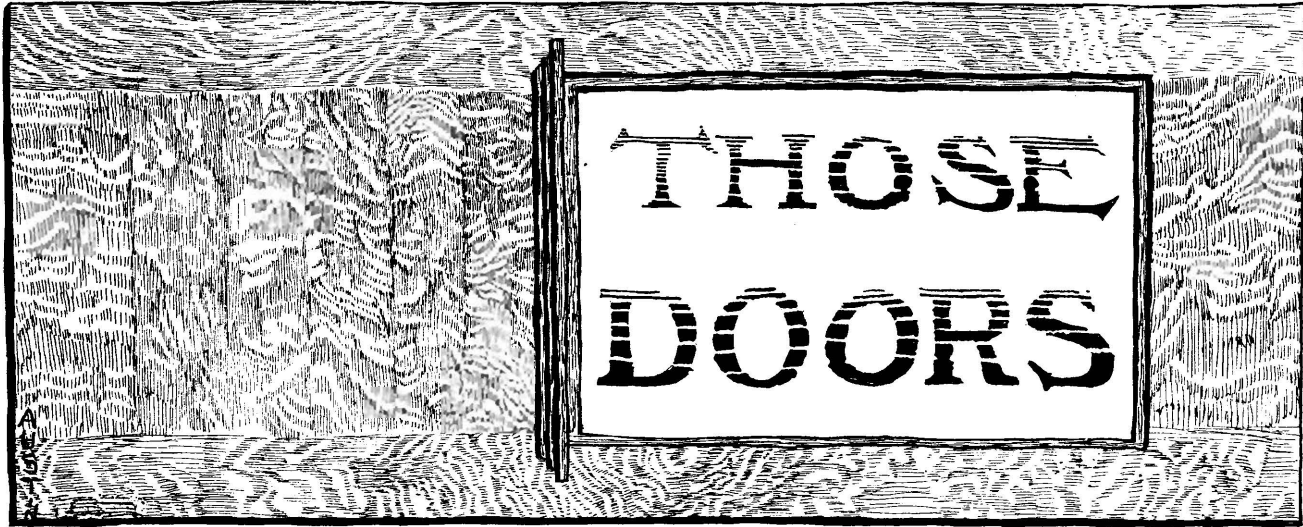
ANNUAL
CONCLAVE

P.I.E.S.





Photo by Michel, '03.



* What did we put up for Rose on Hallowe'en? * *What?* * Say, old man, come off, quit your kiddin'. * Why everybody knows what *we* did. * Deal yourself a new hand, fellow—get in the game. * Just have a look at the old school and you'll throw a fit. * We shed some old slabs of painted pine and installed an "entrance." * You ought to see it. * No joke, she's a bird—two bitted oak, no less, fine beveled plate,—and say, you must see that Venetian iron with "03" in relief. * We were going to put up the "03" in gold but we didn't. * Knew the school couldn't stand prosperity. * Well, *that's* what we did. * I'd tell you more but I've got a class at two. Have another? * Sure. * Mine's a head,—then it's on you. * Well, here's luck. * We were some scared though, for the stuff didn't come till the eleventh hour, or rather about three o'clock. * My, that was a bad day. Rained till supper time. * We spent \$36.29 in telegrams. * Honest. * Well, maybe it was only \$36.00. * * * Anyway, we had a lot of grub, so we all chased out to eat it up. * Some of it was the kind you eat out of long-stemmed saucers and some you had to remove the "whipped" cream from the the top. * It was all there, though. Even the cops dr— eat some. * I never knew the T. H. cop was real strong till I saw one of 'em dust down a

limberger. * Say, a limberger is the limit, every time. * Sure, but this one is on me. * Hey, Dave, take the gentleman's order. * Here's to the class of '03. * Long may she wave. * * * * *

* Well, we'd been scaring Freshmen for four or five hours, and eating, till most of us wanted to do the Rip van Winkle. * At last word came the first installment was over at the Van station. * About eight of us took a hike in that direction. * Most of us got to the station all right. * Oh! yes, a few didn't last out. * You know yourself that over-eating causes indigestion (?) * The Station Agent was one of these wise guys and wouldn't deliver. * Must have thought we were Jessie James and his band. * Horse Power argued him around. * Me? * Why I wanted to pinch the stuff then and there. * * * * *

* Sure. * No guy who thinks because he can chew soap and spit bubbles can give *me* the throw down. * * * * *

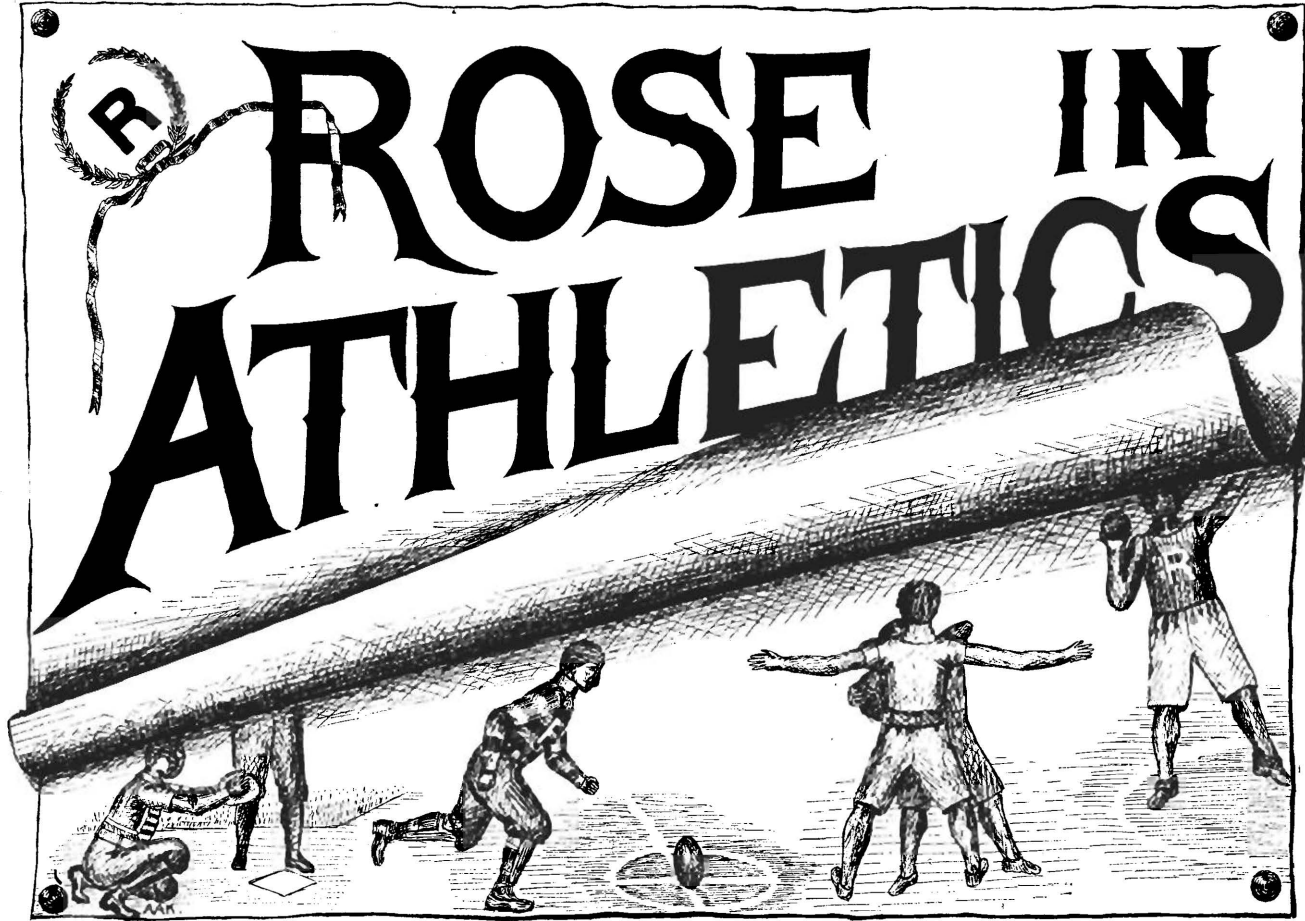
* Dave, "Mumm's" the word. * Get next, man. * I didn't say two glasses. * I said a "bot." * * * * *

* Where am I? * Oh, yes. * Well, we started back with the baggage. * We looked like an ambulance corps, but that was all right all right. * You'd ought to have heard the bunch yell when we arrived. * * * * *

* Boom-a-lacka, Bang —. * All right, Andy, I'm not making any noise. * We had the doors already on and it didn't take us more than forty winks to put on the frills. * Let's have another; I get awful dry talking—Here's gesundheit. * After we'd fixed 'em all up we had an adjournment to the gym. * That gym was a sight for sore eyes shortly. * We had speeches. * Daniel Webster was backed off a plank walk and P. Henry wasn't deuce high. * Why, we didn't care *what* we said. * All languages, too; American, English, French, German, Broken Swede, and Profane. * There was a beaut in German. * It went, "Es war ein König" in some, some place or other. * The language was cer'n'ly fine. * Scuse *me*. * Did I drink yours? * Dave, fill 'em up. * Well, shi was sha—saying those '02's may keep tab on the school, but it's a 100 to 1 shot that everybody hash to brush bych ush. * 'Scuse *me*. * My tongues'h playin' hide and seek. * Shay, ol' man, les' celebrate; thish iss a glorious 'casion. * Clash? * Who said school. * I paid you once, Dave, so light my cigarette. * Say, thash a peach, everybody has got to brush by. * No! I ain't had enough. * I *never* get enough. * * * * *

I run this place, I do
 When the cops are many
 I run like ———

* What's the mazzer; lemme talk, can't you? * Whash thash, Andy? * Can't talk? * Well, I'll sing. *Can't Sing?* * Goo' ni'. * I'm goin' to sleep—Goo' ni' all,—doors,—fine,—Get up that tree,—goo' ni',—goo'—Yesh, "03" in gol' no silver,—Es war ein König ——. * * * * *





Athletics at Rose.



JOHAN SMITH, Freshman, comes to Rose. ✿ It is the Monday before school opens. ✿ Out on the campus, a few fellows in foot ball suits, some in ordinary clothes, are running around kicking the pig skin. ✿ Others, resplendent in the borrowed base ball uniforms, are tossing the ball around, and salute him with jeers as a "Freshie." ✿ He is "pretty sizeable," and soon the foot ball captain comes up, and, introducing himself, asks him about his foot ball experience. ✿ None, but he is willing, and soon is running around trying, in his clumsy way, to kick the elusive ball. ✿ ✿ ✿ Busied with those things only a Freshman finds to do, Wednesday morning soon comes around, by which time his brain is duly laden with various and awful tales of the horrors of the "pipe-rush" told by the obliging upper classmen. ✿ He hears, for the first time, those sweet words, "Young gentlemen . . ."; and then, "You are expected at all times and in all places to conduct yourselves . . ." ✿ Then he meets "Mac" . . . ✿ At last he goes trooping down the staircase with the rest, and sees on the bulletin board, or perhaps in front of the building, "The Sophomores challenge the Freshmen to a game of base ball . . ." ✿ John Smith adds his voice to the hum that arises around the sign, and soon finds himself, with the rest, sitting, hat in hand, in "Mac's" room, while some one nominates "Mr. Smith Captain of the ball team." ✿ "Speech," "Speech," and Mr. Smith finds himself urging his fellow class-mates to come out and get ready to "clean" the Sophs. ✿ There is a surprising interest in athletics for the next few days among the Freshmen. ✿ Everyone wants to get hardened before Saturday. ✿ At

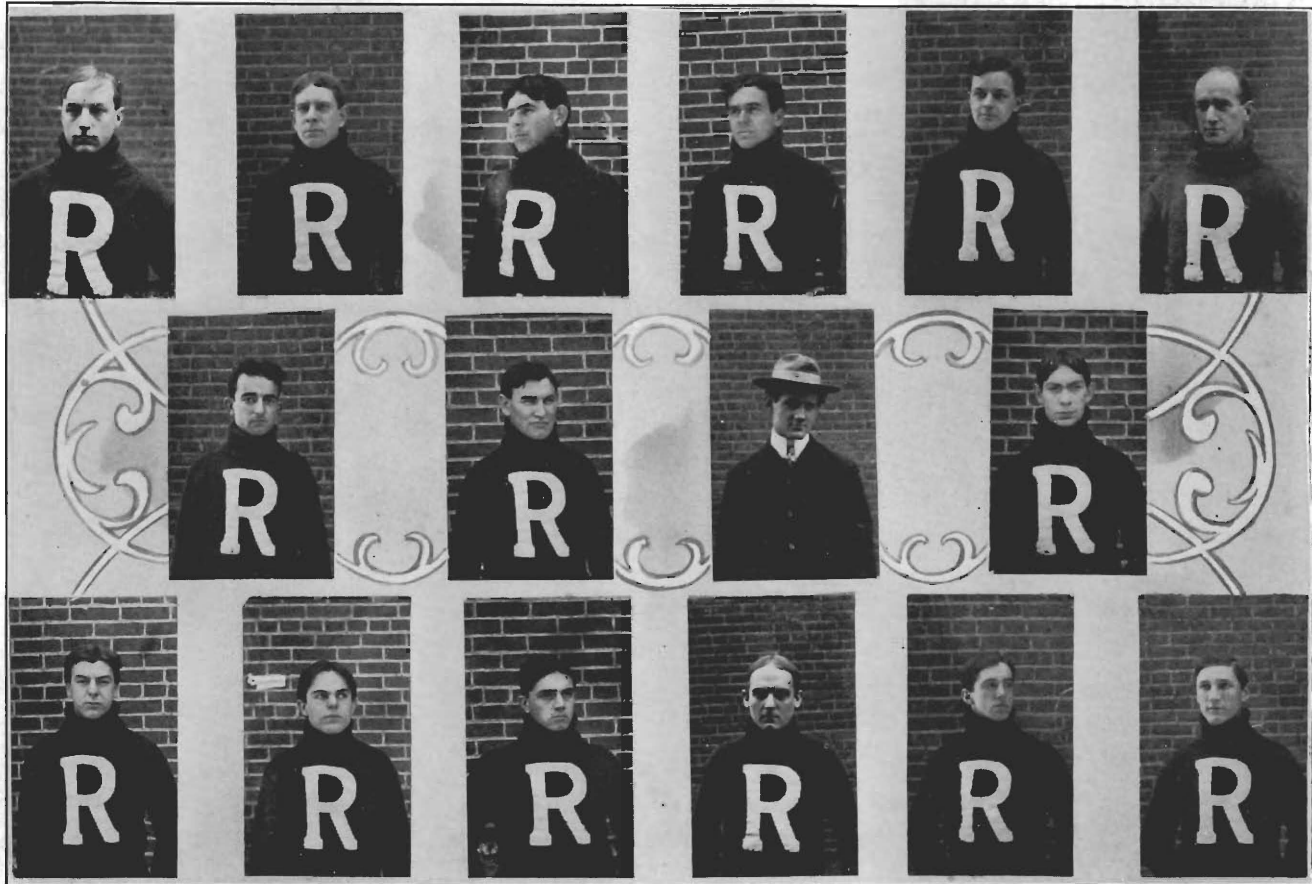


Photo by Blair, '03.

last the great day comes. ❁ Early after dinner the motley gang, clad in foot-ball suits, overalls, and old clothes, gathers on the campus, and Captain Smith's team indulges in preliminary practice. ❁ Oh, the girls! ❁ Why are there so many here? ❁ And all of us in rags! ❁ No matter, there goes the umpire, "Play Ball!" ❁ ❁ ❁ A good game, if it were not for the errors. ❁ At last the Sophomores are out, and the Freshmen at bat. ❁ Certain grinning Juniors come around, mysteriously distributing something among the nervous Freshmen. ❁ The game goes on amid the roasts of the neighborhood "Mickies" and the plaudits of the fair ones in the grandstand. It is somewhere around the fifth inning, no one knows just where. ❁ The Freshmen have almost given up hope of even tying the score. ❁ Some one in nervous forgetfulness draws his pipe from his pocket. ❁ "Pipe!" ❁ ❁ ❁ A crowd of Sophomores overwhelm the Freshmen, or vice versa, according to your sympathies. ❁ There is a second rush, the ladies from the grandstand surround the fighters and spur them on with eager applause, to greater efforts. ❁ Oh, what an opportunity to get intimately acquainted with each other! ❁ The fickle Goddess of War favors first one side then the other. ❁ Now our friend John is on his back, struggling in vain to raise the Sophomores so firmly seated on breast and limbs. ❁ "Freshman, Freshman, Help!" and they come. ❁ His complacent captors struggle fiercely but are downed. ❁ John Smith gets back his pipe, and goes off to help some one else. ❁ ❁ At last one side or the other is subdued. ❁ Now and then a Freshman finds he has one of his own men down, and then both laugh. ❁ Smith finds himself on the bottom, but he still has the pipe. ❁ Where? ❁ Oh, Smith is not telling. ❁ He looks up gratefully to a sympathetic face whose owner is offering him a drink. ❁ "Thanks . . ." ❁ But she is gone. ❁ Won't those fifteen minutes ever be up? ❁ ❁ ❁ ❁ At last, when breath, clothing, all but nerve is gone, the referee's whistle sounds. ❁ Smith gets up rather slowly and laughs as he sees the looks of the other fellows. ❁ He himself feels all right. ❁ He is only a little dizzy, his shirt is torn, his hair is sandy, and his right eye seems to feel a little puffed up over something. ❁ "Water! Water!" ❁ He meets some girls and grins rather foolishly as he shakes hands with one dirty



Photo by Blair, '03.



Pine
von Borries

Uhl
Lindenberg
Brannon

Peck
Bowie, Capt.
Williams

Hampton
Krieger, Mgr.
Fishback

Cox
McDonald

Post

Dickerson
Huffaker



Photo by Blair, '03.

one big central pile over the pipe. ♫ All are more or less quiet, except when some under dog gets up enough energy to try again. ♫ No use. ♫ "Let's quit." ♫ "All right." ♫ And they sit amicably side by side and watch the scrap go on. ♫ Again the whistle sounds, and the classes each take count of "killed, wounded and missing" from the fifteen minutes' skirmish. ♫ ♫ ♫ ♫ ♫ ♫ ♫ ♫ ♫ ♫

♫ Well, his class has the pipe, even if he didn't have a hand on it. ♫ "Hurray!" ♫ And now to have your "picture took" holding on to the pipe, then dress, to supper, and to bed. ♫ ♫ ♫ ♫ ♫ ♫

♫ What! Sunday morning already! ♫ Too late for breakfast! Oh, I am so sore! ♫ ♫ ♫ ♫ ♫

♫ Monday afternoon there are not many Freshmen playing football. ♫ "I don't think I'll have time." ♫ However, Tuesday at one o'clock John is hard at it. ♫ He is perfectly willing when two o'clock strikes, to go in to recitation. ♫ German after football! ♫ Oh, how sleepy. ♫ ♫ ♫ ♫ ♫ ♫ ♫

♫ At last it is Saturday afternoon and he finds himself on the center line of the field getting ready to go down on the ball. ♫ Oh, that game! ♫ The first he ever played. ♫ The last? ♫ "Not by a jug-full." ♫ It would take too long to tell the details. ♫ Enough said, that Smith played it in his dreams Saturday night, and that Monday found him on "the team," probably for the season. ♫ Football is not all fun. ♫ Practice at one o'clock every day is

hand and wipes the blood from his nose with the other. Well that the dirt hides the blush in his cheek! ♫ But he has lost his pipe. ♫ What! scrap like sixty over that old corn-cob for fifteen solid minutes, only to lose it—to a girl! ♫ What! ♫ Time up already? ♫ The long line stands ready, eyes on the pipe, fifty yards,—it seems a mile,—away. ♫ On each side of him he sees a big Soph. ♫ The whistle sounds. ♫ He jumps with all his strength, but his feet seem to remain behind and he comes down like a log, and is rather surprised to see his neighbor on top. ♫ There ensues immediately a little "pipe-rush" of their own, "far from the madding crowd," up and down, over and over, first Freshman, then Soph, on top. ♫ An even match. ♫ There are many other groups like this and

no snap, still it must be done. ✿ Yet how nice it would be to be over there playing tennis instead of chasing around in a heavy foot ball suit. ✿ At last a coach has been secured, and renewed interest is taken in the game. ✿ More men are out, and the practice is harder. ✿ Yet luck seems to be against us, and in spite of all, our games are lost one after another. ✿ Luck? ✿ Perhaps not luck alone. ✿ Almost all our opponents are from larger schools, schools where athletics plays a more prominent part than at Rose, where, indeed, it almost rivals study; from schools where every one has time for practice every day, where not so much attention is paid to the earnest things of life, or to gentlemanly conduct in a game. ✿ ✿ ✿ ✿ ✿ ✿ ✿ ✿ ✿ ✿

✿ It profits nothing to speak of things that are past. ✿ Thanksgiving is gone, and those athletically inclined are spending their spare time in the gymnasium and at basket ball. ✿ Hand ball also finds its devotees. ✿ Now Smith, of course, tries them all. ✿ A team to be tried for? ✿ Of course he'll try for it. ✿ More practice, from five to six now. ✿ He runs around with all his might chasing the flying ball. ✿ He finds the floor hard, and the wall rough, has a few sprained fingers, loses a few square inches of skin, and has a black eye. ✿ A great game is basket ball, only not quite rough enough to be exciting! ✿ ✿ ✿ ✿ ✿ ✿ ✿ ✿ ✿ ✿

✿ We play the Normals, our old friends, the enemy. ✿ The rival teams are in the Gym early, taking their preliminary practice. ✿ On opposite sides of the Gym on ladders, bars, and in every conceivable place, the enthusiastic rooters prepare to cheer on their teams, and get their throats in trim by a few preliminary yells. ✿ The game starts, is fast and furious, both sides grow enthusiastic and the Gym re-echoes with yells. ✿ "Oats and Hay, Oats and Hay" is met by "R. P.! R. P.! Turkee! Turkee!" ✿ Time called, sees Polys ahead. ✿ ✿ ✿ ✿ ✿ ✿

✿ They are at it again and John Smith is playing a guard in place of one of the other men. ✿ What need to detail the game! ✿ Of course Poly won! Could it be otherwise? ✿ The noisy gang, now almost too hoarse to sing, troop down town to celebrate. ✿ How? ✿ Well—never mind. ✿ Almost too hoarse, not quite. ✿ "Same old Poly



Photo by Michel, '03.



Cox

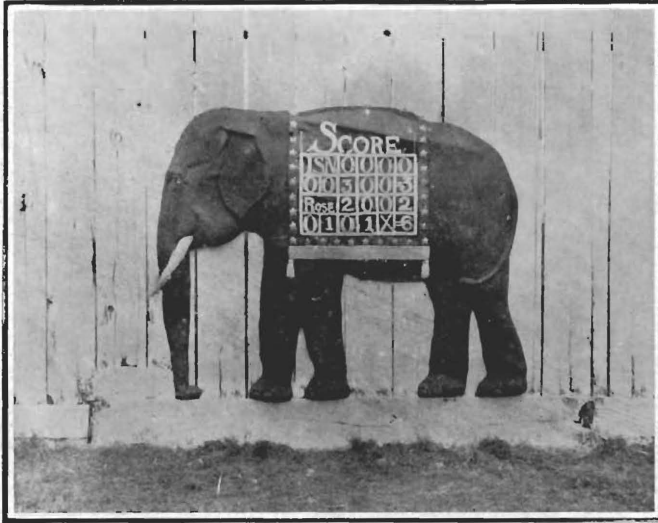
Daily

Gilbert, Mgr.
Fitzpatrick Rumbley
Barbazette, Capt.

Nicholson

Photo by Michel, '03.

Cox



played the game, Same old Normal put to shame, Same old ending, Normals blue, Same old story, nothing new." * *

* The Gym instructor comes. * There is athletics in the air. A general assembly is held, and the good Dr. Mees urges all to take an interest. * He proves by fact and figure the value of systematic gymnasium exercise, then heads the list for raising the "sinews." * Some more hurrays! * Everybody is coming out, we are going to do something in State Field Day this year, you bet. * In the meanwhile, basket ball goes on. The team is successful, more so than the others generally are. * One morning a notice appears on the board: "The Freshmen challenge the Sophomores to an indoor meet . . ." * The Gym classes fill up. * Every one is practicing hard. * Other classes challenge each other. * Great interest is taken. * At almost all times of the day some enthusiasts may be seen in the Gym, and with them, practicing snap-under, potato-race, fence-vault, or high-jump, is John Smith. * The great day arrives. * The crowd throngs the floor and roots for each class with leather lungs. * Laughs, jests, and yells are thick. * The meet is close, exciting, but the Sophomores win. * What matter, though, if Freshmen have lost. * The effect is merely to stir up greater enthusiasm all around and increase the determination to win out next time. * There are many determined to try for the track team. * * * * *

* Spring exams. have come and gone. * A man may be seen at work skinning the diamond. * Tennis enthusiasts are out and busy, marking courts, rolling, or only playing. * The base ball men are out every possible moment, even though they shiver in the wind as they play. * Of course there's rain, lots

of it. ✿ There never was a spring yet when the weather didn't interfere with practice as much as it could. ✿ Yet, in spite of all this, the diamond is crowded, the tennis courts full, and quite a number of men are practicing sprints, or throwing the discus and hammer. ✿ ✿ ✿ ✿ ✿ ✿

✿ "Base ball practice from five to six to-day. ✿ Everybody be out!" ✿ The season opens. ✿ The afternoon of the first game is cold and chilly. ✿ A crowd of boys are lined up along the base lines. ✿ A few bring girls. ✿ By far the greatest bulk of spectators, neighborhood brats, adorn the fence and help to cheer on the Poly players by impolite, often derogatory, sometimes quite personal remarks. ✿ The game is good, fairly so. ✿ The Polys are playing an up-hill game. ✿ Only one more run needed to tie, but it seems that that run cannot be made. ✿ And now, a little wildness, a hit or two, and a combination of circumstances and errors changes the score, and more than one run is needed to tie. ✿ Too bad, the game is over. ✿ ✿ ✿ ✿ ✿ ✿ ✿ ✿

✿ It may sound trite and common-place, but we do not think there is any place where a team labors under the same difficulties, the same "Polly luck," as at Rose. ✿ Something is reasonably certain to go wrong just at the critical stage of a game and it is all off. ✿ There is one thing which will go a long way in accounting for this: Rose plays too clean a game compared to those who play against her. ✿ ✿ ✿

✿ The track team works on. ✿ There is a try-out for all candidates. ✿ Some begin to show up pretty well. ✿ Inter-class meets are run off and the Freshmen have improved



Photo by Blair, '03.

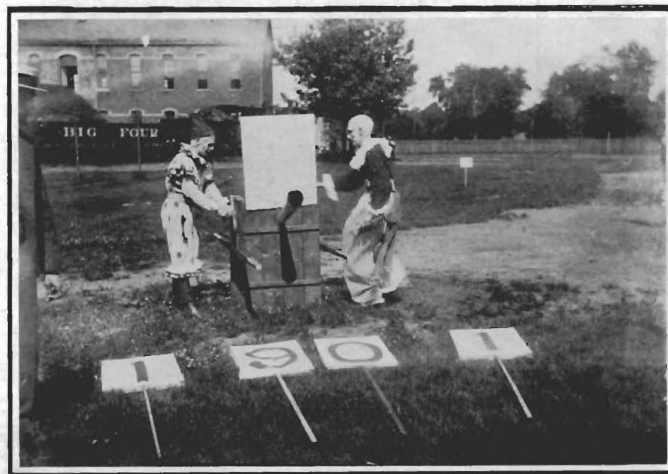


Photo by Blair, '03.



has been accepted in the spirit in which it with girls. ✿ The faculty, in the team un- ing, to the accompaniment of the crowd's ✿ Hark! ✿ A sound of music, or rather just At last, through the gates, the motley gang of themselves, with the kind assistance of the making a fool of a fellow. ✿ Clad in myriad never before been seen, with drums, cornets, riding bicycles of ante-deluvian pattern, don- brawn and brains of the Senior class arrives strikes up a lively tune, while the rest gather out of which soon are seen wisps of smoke ascending. ✿ They join hands and yell as they dance around the piles of note-books blazing in well-merited fire. ✿ ✿ ✿ ✿ At last the game is on. ✿ The Seniors are at bat. ✿ Mr. Clement essays to stop the swift inshoots. ✿ A brave man he, who tries to hold the wild pitcher. ✿ But then he's had experience with automobiles and other wild things. ✿ Harris officiates as the faculty slab artist. ✿ He locates the plate very well by linear perspective, but unfortunately the Seniors like his curves too well. ✿ Great old "Hath," holds down first base like a veteran of the ball field. ✿ His tennis eye comes to his aid here. ✿ On second is "Mac," friend and father confessor to all Freshmen. ✿ "Jo-Jo," the great and only short stop, looks

greatly. ✿ State meet is at hand. ✿ The team shows up fairly well, for the school, and does all that could be expected of it in competition with teams of such superior advantages in material, money, time, everything. ✿ Among the names of those who have shown up well is John Smith. ✿ ✿ ✿ At last the long, hard year is almost over. ✿ Everyone is in the midst of exams. ✿ Base ball, with its practice and scraping of the diamond, has ceased, and now there remains only the "Faculty Game." ✿ The invita- tion extended by the Senior class to the faculty to engage in a game of ball



Posing

was offered. ✿ The grandstand is packed forms, are going through some brilliant field- remarks. ✿ ✿ ✿ ✿ ✿ ✿ plain noise, is in the air. ✿ It approaches! arrives. ✿ This is the day they make fools faculty. ✿ There is a way the faculty has of hues, in garments the like of which has grind-organs, anything to make a noise, keys, even old "Charley-horse" himself, the on the field. ✿ On the field of play, the band in a close little knot,



well in rather tight fitting base ball uniform as he rolls the ball to Herron on third. ✽ Herron has become used to hot ones from the boiler room, and is really great in scooping them in. ✽ Out in left, lost in thought over some sort of camphor acid with "forty-eleven" letters in its name, stands "Doc" Noyes, quiet as can be. ✽ In center, is "Doc" Blanchard, with that sunny southern smile, and in right, is "Hans" Wagner, he of the steam-engine, not of Pittsburg. ✽ Each one is intent on other things and would no doubt be as irritated if a ball were to come near, as if a piece of chalk had sailed through the air. ✽ ✽ ✽ ✽ ✽ ✽ ✽ ✽ ✽

✽ The plan was to have Dr. Mees to umpire, and all arrangements had been made to accord him a warm, yes, a very warm reception. ✽ But the Doctor did the Foxy Grandpa act here and drew out. ✽ Wise Doctor. ✽ The game is started. ✽ Almost immediately the Seniors show their superiority in base ball at least. ✽ "Jo-Jo," "Hath" and "Mac" have plenty of chances for errors, and, no doubt, nervous on account of the crowd and its disquieting remarks, did not fail to make them. ✽ It is said that one of them, we don't say which, bribed the scorer to interchange his hit and error columns, and it showed on the boards that he had made twice as many hits as he was times at bat. ✽ ✽ ✽ ✽ ✽ ✽ ✽ ✽ ✽ ✽ ✽ ✽ ✽ ✽ ✽ ✽



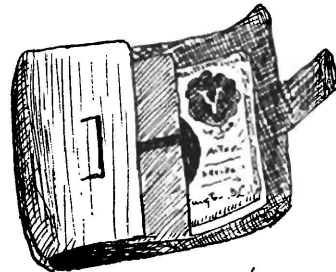
Looking for the n^{th} term.

✽ The Faculty have their innings at last. ✽ Too bad, for they only have three outs! ✽ "Hath" at bat, "Jo-Jo" on deck! ✽ An ovation and a tennis racket are tendered him as he steps to the bat. ✽ "Strike." ✽ "You would have seen that if it had been chalk," from the side. ✽ "What's the equation of that curve, Professor?" ✽ But "Hath" has made a hit. ✽ In base ball as in finding the n^{th} term, "Hath" is right there. ✽ "Jo-Jo at bat, 'Mac' on deck." ✽ There is an overwhelming and embarrassing amount of advice. ✽ He smiles, reddens, swings violently at the first ball. ✽ "Let's look at this in another way," suggests a Junior. ✽ He does, but the umpire does not change his point of view. ✽ "Three strikes and out." ✽ "That's right, 'Jo;' if you don't hit it the first time, try looking at it another way." ✽ But it is when "Mac" comes to bat that the boys have their fun. ✽ The Sophomore Civils lead the roasts, and make them quite warm. ✽ "Mac" is a shark in

projective,—and solves in a flash of the bat the problem of projecting a sphere just over second base. ✽ The side out, "Mac" has some difficulty in evading 'steen amateur photographers bent on snapping him. ✽ He's no snap, though, as you know if you have ever had him. ✽ Every one of the faculty is due to be roasted. ✽ They get them coming and going, at every turn. ✽ ✽ ✽ ✽ ✽ ✽ ✽ ✽ ✽ ✽ ✽ ✽ ✽ ✽ ✽ ✽

* All over at last. * After the faculty have had their innings all year long, the Seniors have evened up by this defeat in base ball. * The afternoon of horse-play is over, and the undergraduates are wondering if various remarks will have any effect on Monday's exams. * The Seniors are care-free and make the welkin ring with

“Umpty-one! umpty-one! She's a cuckoo, She's a hon!
She's the onliest, onliest one!
Rose Polytechnic Nineteen One.”



A friend in need.

The Faculty Blue Room.

May 23, 1901.

To the Faculty:

The Class of 1901

At Home

Saturday Afternoon, June fifteenth
nineteen one,

at three o'clock.

Base Ball.

The Campus.

R. S. V. P.

The Faculty present their compliments to the Senior Class and accept with pleasure the very kind invitation to be their guests in at home exercises on June 15th.

With many thanks for the invitation and assurances that the interest of the Faculty is unbounded in the success of the Senior Class in these exercises in which they have most earnestly labored to acquire proficiency and excellence during their four years residence here, we are

Yours
The Faculty.





✽ In writing of Chauncey Rose, the Rose Polytechnic Institute and its Class of 1903, one might go far back into antiquity to find and explain the true causes of the results which are now about to be chronicled; and especially one might write of the causes which led one man to leave standing, in the city of Terre Haute, so many great and good works. ✽ One might explain how Terre Haute was settled, that these works might stand and how Indiana exists that there may be a Rose Polytechnic Institute. ✽ Indeed, one could go even farther back and tell how Christopher Columbus left the sunny shores of Spain and sailed out into the vast unknown that a class called the "Class of 1903" might be graduated at this same Rose Polytechnic. ✽ All these things might be revealed and explained, but such will not be done. ✽ We shall relate only the events of more recent and more authentic occurrence. ✽ ✽ ✽ Chauncey Rose, founder of the Rose Polytechnic Institute, was born at Wethersfield Meadows in Connecticut, on the 24th day of December, 1794, and died at Terre Haute, Indiana, on the 13th day of August, 1877. ✽ ✽ ✽ Mr. Rose came west at an early age and in 1818 settled in Terre Haute, which was, at that time, scarcely

more than a village; and here occurred most of the events of his after life. ✽ He first engaged in the lumber business and then in trade, and in a short time, by judicious management and investment, had come into a considerable fortune and had attained a position of respect and influence among his fellow townsmen. ✽ He became interested in railroads and was instrumental in building many of the railroads which now enter Terre Haute. ✽ Mr. Rose took a lively interest in all that pertained to the welfare of the town and community, and he was noted for his philanthropy. ✽ Besides the Rose Polytechnic Institute, the Rose Orphans' Home, and the Rose Dispensary, which were endowed by Mr. Rose, there are many other institutions which are indebted to him in scarcely a less degree. ✽ ✽ ✽ ✽ ✽ ✽ ✽ ✽ ✽ ✽ ✽ ✽ ✽ ✽ ✽

✽ The first action in the founding of the Rose Polytechnic Institute was taken on September 10th, 1874, when Mr. Rose, together with some of his friends, formed and incorporated a body for that purpose. ✽ On October 10th of the same year, the first Board of Managers was chosen. ✽ Chauncey Rose was President, Josephus Collett Vice President, Demas Deming Treasurer, and William K. Edwards Secretary. ✽ Work was immediately begun on the buildings, the corner stone of the main building being laid on September 11th, 1875. ✽ All this time Mr. Rose had been giving of his time and means to carry out the plan. ✽ In June, 1877, only two months before his death, he handed in his resignation as President of the Board of Managers. ✽ Josephus Collett was chosen his successor. ✽ ✽ ✽ ✽ ✽ ✽ ✽ ✽ ✽ ✽ ✽ ✽ ✽ ✽ ✽

✽ Dr. Charles O. Thompson was elected as the first President of the Institute and was inaugurated March 7th, 1883. ✽ The first faculty was composed of Charles O. Colton, A. M., Professor of Chemistry; Edward Barnes, B. S., Professor of Mathematics; James A. Wickersham, A. M., Professor of Languages; Edward O. Cobb, Superintendent of Shops; William L. Ames, B. S., Professor of Drawing. ✽ ✽ ✽ ✽ ✽ ✽ ✽

✽ After three years of able administration Dr. Thompson died. ✽ Dr. T. C. Mendenhall was elected President to take his place and remained four years. ✽ Dr. H. T. Eddy succeeded Dr. Mendenhall and, in 1895, Dr. C. L. Mees became President, which position is still held by him. ✽ There have been many changes in the faculty since the choosing of the original five, and there remains with us but one of that number. ✽ ✽ ✽ ✽ ✽

✽ Student organizations have been formed and have helped in developing the hearty school spirit which we now enjoy. ✽ The Polytechnic Telegraph Association was formed in 1889. ✽ In June, 1891, the first Rose Technic appeared. ✽ The Rose Tech Y. M. C. A. was founded in January, 1893, and the Athletic Association the following March. ✽ ✽ ✽ ✽ ✽ ✽ ✽ ✽ ✽ ✽ ✽ ✽ ✽ ✽ ✽

♣ On September 13th, in the year 1899, there appeared on the plains of the Rose Polytechnic a vast assemblage of young men. ♣ They were strangers in the land and had come from afar and from many directions to dwell therein for four long years. ♣ ♣ ♣ ♣ ♣ ♣ ♣ ♣ ♣ ♣ ♣ ♣ ♣

♣ On the afternoon of the 13th of that eventful September they were collected on the plain in groups of twos and threes and they appeared to be fearful of some enemy; for they had learned that the land was already inhabited by three different tribes, and that one of these tribes was very hostile to their invasion. ♣ As the afternoon progressed the strangers were called into the council chamber and there they listened to several speakers, one of whom appeared to be of great authority in the land. ♣ He spoke of many things, but the substance of the remarks may be summed up in two of his expressions. ♣ First, he said, "Study, for that is what you are here for"; then, he said, "be gentlemen, for if you don't you won't stay here." ♣ His remarks were received in rapt attention and, although there was no applause, they seemed to be thoroughly appreciated. ♣ ♣



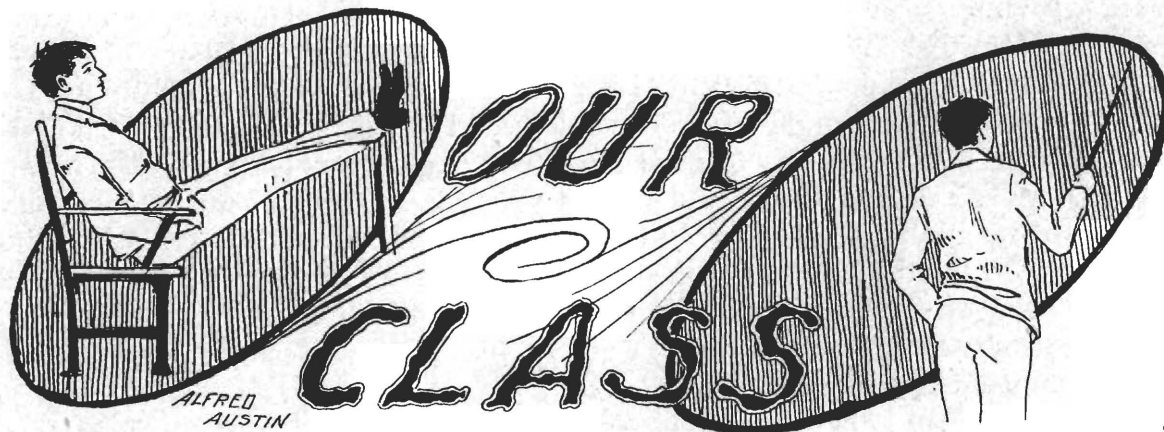
♣ In that assembly there were few who could not lay some claim to greatness. ♣ There was among them, the wise man, the strong man, the lazy man, and the funny man. ♣ In fact, all classes of men were represented. ♣ In a few days another meeting was called, and they decided to call themselves the "Class of 1903," but the inhabitants of the land called them Freshmen. ♣ ♣ ♣

♣ On Saturday, the 16th of September, this class of 1903 was attacked by a roving band called the Sophomores. ♣ The strife was long and fierce, but when the dust of battle had cleared away, the Sophomores were no more. ♣ Although the Freshmen were not a tribe of cannibals they had bodily devoured their opponents. ♣ After this time, the course seemed smooth, but there were many, those first days, who



tired, and returned to the more balmly lands whence they came.✽ The climate of the new country was too severe for them. ✽ It was easy to see that this tribe was to be one of the “survival of the fittest.” ✽ Many there were, of those who remained, that followed the instructions of the “Great Chief” who had told them to study. ✽ ✽ ✽ In one year this tribe of Freshmen, by right of moral, mental and physical conquest, had usurped the title of Sophomores, and it became again their duty to enter into bloody combat. ✽ This time, with a new tribe who were just entering the land. ✽ The class of 1903 issued to them a challenge to play a game of base ball and also an order telling them that, by no means, should any of their number smoke pipes on that day. ✽ The game was played and the Sophomores won, but the members of the new tribe, who were now called Freshmen, willfully violated the order as to the smoking of pipes, and the Sophomores had to chastise them. ✽ The fight was fierce and desperate, but the Freshmen were defeated in the end. ✽ This contest was called the “Pipe Rush” and it has been held annually in the land for many years. ✽ ✽ ✽ ✽ ✽ ✽ ✽ Then, it was, that the class of 1903 began to undererstand its true value and to know how great was its wisdom. The members saw how much of the government rested on their shoulders, and what their station had become, and they acted accordingly. ✽ The “Great Chief” could not appreciate this, however, and he failed to see the importance with which they had clothed themselves. ✽ He let few opportunities pass, of telling them how small they were. ✽ He told them there were others, and he even told them that the Institute, this was the name of the land, could get along without a Sophomore class. ✽ Now, this class of 1903 has become the Junior Class and great has been the change. ✽ They have learned to love the Institute, their home, and to respect all who are connected with it. ✽ They have become almost civilized. ✽ If we look among them we will discover the cause of this transformation. ✽ There has been a thinning out of the weaker material and, although all classes of men are still represented, there remain only the wisest of the wise men, the strongest of the strong men, the laziest of the lazy men, and the funniest of the funny men. ✽ These Juniors know the shade of each tree on the plains, and well nigh each blade of grass on which that shade falls. ✽ They love to lie in the shady places and watch the hands of the old clock in the tower of the great council hall as they slowly mark the hours, and they dread the day when, their civilization completed, they must go to new lands to continue the battle for progress and existence which they have so successfully begun in the fertile valley of the Rose Polytechnic.





LINDENBERGER, GEORGE B. "Limburger" RUMBLEY, FRED N. . . . "High-pockets."
 Louisville, Kentucky. Terre Haute, Indiana.
 Foot-ball (F. S.) Business Mgr. Modulus. Basket-ball (F. S. J.)

"There are men who remind me of angels. They are so different."

No, this is not a picture of "The Rogers Bros. in Central Park," but of two equally as good comedians on the campus.

"With brains made clear by the irresistible strength of beer" they are able to do, and say, so many amusing and funny things that anyone near them is kept in a constant fit of laughter.

But why say more, can we ever forget "High-pockets?"
 And Lindemberger ———!

But alas, right here I should like to write
 An epitaph with him below.
 If I could I think 't would look right well
 To see: From Kentucky but gone to h—l.



Photo by Blair, '03.

KRIEGER, ALBERT A. "Jim," "Curly," "Oom Paul."
 Louisville, Kentucky.

"With lockes crulle as they were layde in presse,
 He was some twenty years of age. I guesse."

Mgr. Foot-ball ('01), Junior Councilor S. S., Athletic Ed. Modulus.

Here is an example of what a good reputation will do. During his freshman year he worked hard and obtained fine grades in all his studies. Since, however, he has worked everything but his books. But as he is a good bluffer and never shows his hand, there is scarcely a "prof" who does not think that he is working harder than ever, and they grade him accordingly. Magazine reading is one of his favorite pastimes, and there is scarcely a monthly publication that he does not read all through, advertisements included.

Though apparently very much interested in the work before him, still we do not doubt but that he is thinking more of some prospective athletic contest, or about what a good time he is going to have at the next N. A. Y. dance.

DAVIES, GRAHAM "Dough-nut," "David Graham."
 Louisville, Kentucky.

"Valuable articles are always in small packages."

President Telegraph Association (S.)

The accompanying picture was evidently taken some Friday afternoon when our friend was presenting a problem of great moment before "The Royal Society of Mathematical Investigators of the Natural Laws Relating to the Chemical and Electrical Sciences." With watch in one hand, that "Hath" may not run over the hour, eraser in the other for making corrections, and that bland smile, what could be more typical. He evidently appreciates the above quotation, for the more important the problem the smaller the space into which he puts it.

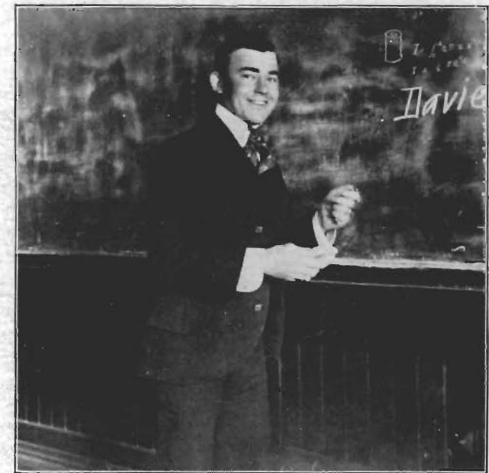


Photo by Brosius, '03.



Photo by Brosius, '03.

SCHEFFERLY, ROBERT J "Bob," "Pete," "Schef."
 Detroit, Michigan.

"Seest thou a man diligent in his business? he shall stand before kings."

Here is one member of the class, at least, who will have something useful to show for his odd moments, of which there are so many (?). His gas-engine is a beauty. As for its achievements, no tests have yet been made. "Bob" is a steady-going, natural mechanic. Keep your eye on such fellows.

FISCHER, CARL D., Jr. "Heck."
 Wapakoneta, Ohio.

"The man who has no music in his soul,
 Or is not stirred by the concord of sweet sounds,
 Is fit for stratagems, treasons and spoils."

Glee Club.

"Heck" is always as ready and willing to play the piano as he is to play a game of tennis, and this is saying a great deal, for he is ever ready to put up a good game against all comers.

Many is the time that he has entertained a small company of friends with his excellent rendition of the music from the latest comic operas. The piano is certainly his forte.



Photo by Brosius, '03.



Photo by Blair, '03.

ARNOLD, ROBERT B. "Bob," "Bacon."
Terre Haute, Indiana.

"A little learning is a dangerous thing;
Drink deep, or taste not the Pierian spring."

Toastmaster Sophomore Banquet, Freshman Vice President.

The subject of this sketch certainly believes in the truth of the above quotation, for he drinks deep. But does not senselessly endeavor to hold it all. He precipitates by the use of the reagent careful thought, decants the portion whose function has been to hold the important parts in solution, Filters to obtain every important element and after repeated washing, has left the solid substantial principles. These underlying principles are so firmly fixed that the blow-pipe examination is unable either to oxidize or reduce them.

PALMER, HARRY W . . "The Duke," "High Pressure," "Horse Power."
Brockport, New York.

"The man who smokes thinks like a sage."

Class Pres. (S.) Modulus Editor-in-Chief.

How Palmer ever survived the trials of the Sophomore year, when he was so often "held responsible for the actions of the class," is a mystery that we fear will never be solved.

But survive he did, and desiring to see him the other day we inquired if he would be at home that evening.

"Yes, come around; I expect to be busy with Modulus work."

On the way around we stopped in Waters' drug-store, and there, enjoying an ice-cream soda, we found Palmer and — a neighbor.

So this is the "Modulus work" that occupies his evenings, is it?



Photo by Aguilera, '03.



Photo by Blair, '03.

IJAMS, J. WARREN "Jesse," "I-jams," "Tub."
Terre Haute, Indiana.

"I know not where the truth may be,
I tell the tale as 'twas told to me."

A favorite attitude—loafing. It is said he won the respect of 'Arry because he was the only fellow in his section who could get in as much loafing in an hour as the old man himself.

Good nature shows itself at every point, or rather every feature of his countenance, for while not exactly of Falstaffian amplitude, yet he is of well-rounded build.

It is said that one circus day he was the victim of a joke—
"Oh, I am going to get that baby elephant to play with."
"Why don't you just get Jesse Ijams?"

PEDDLE, WILLIAM A. "Will"
Washington, D. C.

"An editor who knew a good thing when he saw it—and printed it."

Technic Editor (J.), Class President (2nd term F.)

We realize that this thing of referring to the trials and tribulations of an editor has been "run into the ground." Still there is some excuse for it, especially so in the case of an editor of a school paper.

The Technic being strictly a scientific paper, perhaps the only one in the country published entirely by students, its editor meets with more than the ordinary difficulties. Peddle is therefore to be highly complimented upon the success with which he has surmounted these numerous difficulties.



Photo by Blair, '03.



Photo by Blair, '03.

CUSHMAN, JOHN A. "Jack," "Cush."
Springfield, Massachusetts.

"Some rise by sin and some by virtues fall."

Winner 1901 Tennis Tournament.

Another gas-engine enthusiast. We are mightily tempted to simply say—all gas,—and let it go at that, but we feel it would do "Cush" an injustice, for much senseless talk is not at all characteristic of him.

But what shall we say. — Oh, yes, there is that tennis tournament. Might we not tell how —. Confound it, there is that word Gas looming up again.

LEVI, SOL "Sapho."
Cincinnati, Ohio.

"Solomon in all his glory."

Sec'y-Treas. Telegraph Association (J.)

Perhaps Sol has been the member of the class that has caused the most amusement, both in and out of school. He has been the butt of more jokes than any other, and why. Simply because of his invariable good humor, by reason of which, he enjoys the joke as much as the perpetrators. Shall we ever forget the informal feasts, and the cigars, and treats due to his great generosity? No, never.

We believe there is but one generous deed he regrets, the loaning of his opera-glasses to a fair (?) Normalite, who did not return them until the end of the performance.

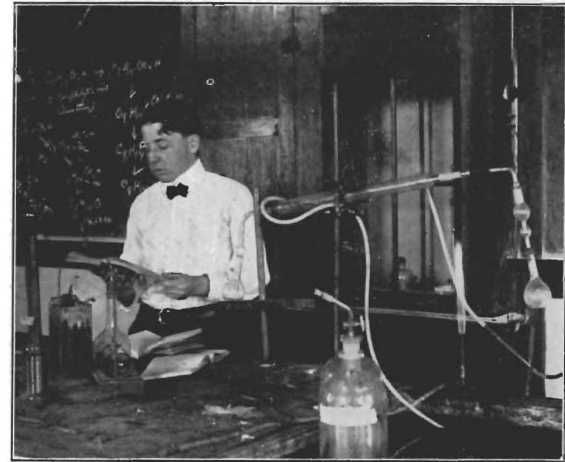


Photo by Blair, '03.



Photo by Brosius, '03.

PINE, BENJAMIN H. "Little Bennie"
Cincinnati, Ohio.

"My only books
Were woman's looks,
And folly's all they've taught me."

Foot-ball (F. S. J.)

Many times have the papers told how "Little Bennie Pine circled the end for thirty yards," or "got the ball on a fumble and made a touch-down."

Like all foot-ball heroes, he stands in with the fairer sex. (Witness—All the boys of Civil Camp at Greenville.) "Bennie" also seems to stand in with "Doc," or at least "Doc" wants to talk to him pretty often, and many is the joke (?) he makes at "Bennie's" expense in General Assembly. "Bennie," so says Dr. Mees, seems to prefer going driving or wheel riding these pleasant spring days, than even going to school.

COX, IRVING J. "I. John"
Terre Haute, Indiana.

"A man so various that he seems to be,
Not one, but all mankind's epitome."

Basket-ball (S. J.), Base-ball (S. J.), Class Secretary (S.)

It is not known just what "I. John" is doing here. He may be assaying something, but probably he is foreseeing the future of '03. We should not mind a little thing like that though.

You should see him in basket-ball, quicker than a flash of "Doc's" wit. He is everywhere, except when you want to find him, and when you do finally succeed it is too late, the ball is in the basket and "Nine 'rahs for 'I. John'" are already sounding. All ball games look alike to him, for he is equally good at base-ball.

"I. John" excells not only in athletics but in class as well. The same spirit and energy characterize him everywhere.



Photo by Blair, '03.



Photo by Michel, '03.

BROSIUS, J. SIMMS "Hübsches."
Terre Haute, Indiana.

"A little management may often evade resistance which a vast force might vainly strive to overcome."

No one can accuse Simms of lack of originality, for many is the time he has thrown the class into a fit of laughter by some original expression or idea.

But perhaps the most original of all was his solution for driving an oil-sponging machine by simply using, to put it in his own words,—“A piece of clothes-line and a brick bat.”

A person able to construct with such common materials should certainly make a good emergency man.

BURT, EUGENE "F. R. T.", "Bird."
Leavenworth, Kansas.

"Let him that would, ascend the tottering seat
Of courtly grandeur, and become as great
As are his mounting wishes; but for me,
Let sweet repose and rest my portion be."

"Doc"—"Burt, what are you doing sitting here in the foundry door during shop hours?"

Burt—"Oh! Just jimmin' around."

"Doc"—"Has 'Arry worked you until you are as tired as all this?"

Burt—"No, I aint tired, just 'fread goin' to git tired."

(Does not this speak for itself.)"



Photo by Blair, '03.



Photo by Smith, '03.

TAYLOR, CHESTER G. "Mamie."
Rochester, New York.

"Das sie einen Schneider nicht für voll nimmt."

This is Taylor "hard at it" in the Civil Room. From appearances, we should judge that he is making a delicate test as to the strength of different woods, — when in the form of tooth-picks.

When first he came, we heard Schwartz say "He's here for work; don't like his way." But times have changed since Betsy died.

HUNLEY, J. BOUDINOT "Boud."
Terre Haute, Indiana.

"'Tis modesty that makes them seem divine."

A truly characteristic picture. In the line of doing things thoroughly and well, he has no peer. Quiet, reserved, always considerate. He is a perfect gentleman and a general favorite. That is why he is hard to write up in this place.

He, like Pine, seems to be "preferred stock" with the ladies, although they say that he is still fancy free. It may be.

"Boud" is altogether clever, he sings well, as he does everything else, and many the quip and pun which comes from off his ready tongue.



Photo by Smith, '03



Photo by Michel, '03

BRAMAN, HARRY S. "Flop."

Terre Haute, Indiana.

"Lest men suspect your tale untrue,
Keep probability in view."

Base-ball (F. S. J.)

Braman is always ready with a story be the occasion a class banquet or what not. I never heard him tell but one bad one. A gang of fellows were swapping stories when he said: "Say, did I ever tell you how I killed two birds with one bullet, that time we went down the river on the 'Mallard'? No? Well, we had left the boat and I was walking along the road, with my rifle over my shoulder, when I noticed two birds perched among some telephone wires. I wanted to secure both and wondered how I could do it. I fired at a wire beneath them. The bullet hit center, split and each half killed a bird. What, don't believe it? Well, I can show you the gun."

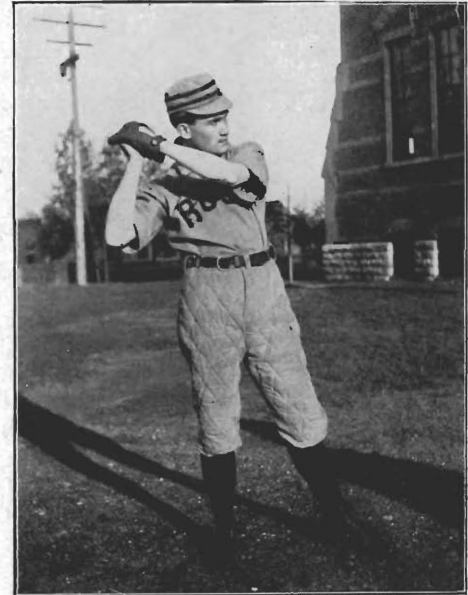


Photo by Brosius, '03.

KELLOGG, HENRY S. "Kelly."

Bowling Green, Kentucky.

Class Sec'y (J.), Pres. Y. M. C. A. (J.), Base-ball (F. S. J.)

(With apologies to W. J. Lampton.)

The crowd was gathering thick and fast
As from the outside inside passed
A pitcher who stood up, strong and proud,
When the umpire's brave voice shouted loud,
"Play Ball!"

His brow was sad; his eye beneath
Flashed like a falchion from its sheath.
Soon like a silver clarion rung
The accents of that umpire's tongue,
"Three strikes and out!"



Photo by Blair, '03.

CHAMBERLAIN, CHARLES L "Pa," "Pete," "Lea."
St. Louis, Missouri.

"Full well they laughed with counterfeited glee
At all his jokes, for many a joke had he."

Base Ball (S.)

When "Pa" comes in after supper, runs his fingers through his hair and intimates that he is "feeling tough," and some one else happens to be in the same mood, it is time to get all breakables in a safe place. It is simply a signal for a general "rough-house."

If the photographer had been able to picture a disheveled and broken bed, upturned chairs, and arms and legs in about a hundred different positions per second, he would have obtained a picture of an every night occurrence in the rooms of the G. A. R. (Grand Association of Rough-housers.)

JACOB, BRENT COOKE "Brentie," "Jake," "Hot Sox."
Louisville, Kentucky.

"And still they gazed, and still the wonder grew,
That one small head could carry all he knew."

Class President (J.), Literary Editor Modulus, Mgr. Foot-ball '02, Freshman medal.

There might be a more characteristic picture than this, but no other is at hand. This one, however, shows how he studies. And yet he leads his class, and many things besides. He makes an able president, and as such his natural leadership shows itself.

Just as often as he has led the Second Team to—defeat, just so often has he led his class. First in everything, always in the first row of the "Roost" or at the Street Fair show. Though it is not on record, we believe he even led his class when as a Freshman, the Sophs pursued.



Photo by Cohn, '03.



Photo by Blair, '03.

MICHEL, A. EUGENE "Mike."

Marion, Indiana.

"None but himself can be his parallel."

Pres. Camera Club (J.)

"Mike" always did have taking ways. Doubtless, he is now taking some poor Junior unawares, in a "characteristic" pose for the Modulus. We were careful to "snap" him among the first for fear he might not survive the campaign with the camera.

Ed. — At going to press nothing serious has happened to him. We anxiously await future developments.

INGLE, WILLIAM D. "Bill."

Oakland City, Indiana.

"Still waters run deep."

First Pres. of the Class.

He is possessed of such a low voice someone has suggested that, in order to make himself heard more distinctly, a megaphone might be used to advantage. The photographer found him experimenting

as to the practicability, and we judge from the pleased expressions on the faces he has succeeded in making himself heard at a distance of two feet, a thing heretofore considered impossible.

KATZENBACH, BROWN "Katze."

Terre Haute, Indiana.

"But ripples portend shallows."

Basket-ball.

"Katze" always was fond of speaking tubes, but usually he is found at the speaking end rather than at the receiving. It is said that after treating "Jo-Jo" to a surprise, through the tube from "Hath's" room, he wanted to make explanations to "Doc" also through a speaking tube. But "Doc" would not see it, or rather hear it, that way.

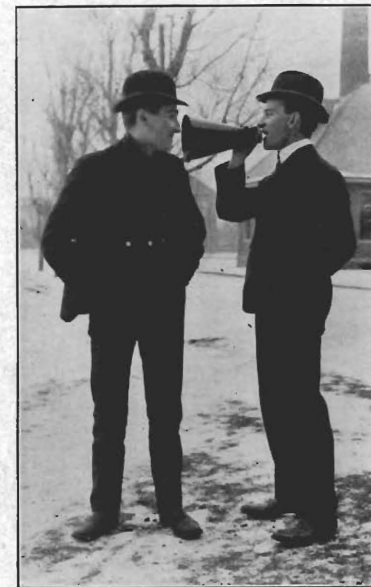


Photo by Brosius, '03.



METZGER, EARL C "Mettie," "Keiser."
Akron, Ohio.

(With apologies to somebody.)

Here's old "Mettie," sure he don't amount to much,
But he's a good deal better than the ordinary Dutch,
For the Dutch company is the worst company
That ever came over from old Germany.

There's the Amsterdam Dutch, the Rottsdam Dutch,
The Pottsdam Dutch, and the other damn Dutch,
Still the Dutch company is the worst company
That ever came over from old Germany.

Photo by Michel, '03.

FITZPATRICK, JAMES E. "Fitz," "Fitzgerald."
Terre Haute, Indiana.

"Too great confidence in success is the likeliest to prevent it."

Basket-ball (S. J.)

So, "Fitz," you think you are going to take advantage of "Hath's" abstraction and slip out as usual, do you? Well, you had better "look a little out" or "Doc" will catch you in the hall, and put an end to that basket-ball game you are so confident you are about to enjoy. In basket-ball "Fitz" is a great one. Those long arms of his can pull the ball down almost from the sky. In spite of his length of limb, or perhaps because of it, he gets over the floor very fast. Three steps and a slide, and he goes from one end of the gym to the other.



Photo by Michel, '03.



Photo by Blair, '03.

KIRBY, EDWARD C. "Marie."

Muncie, Indiana.

"Death, so-called, is a thing that makes men weep,
And yet a third of life is passed in sleep."

If "Marie" be stronger in one subject than in another, that subject is mathematics. There is no doubt but that he has successfully solved, under the influence of "Hath's" teaching, the intricate problem of how to get the maximum amount of sleep in an hour recitation period, with the minimum chances of being caught.

$$\text{Sleep} = \text{maximum when } \frac{d(\text{sleep})}{dx} = 0$$

$$\frac{d(\text{sleep})}{dx} = 0, \text{ when } x = \text{arm chair in corner of "Hath's" room.}$$

KIEFER, CARL J. "Kief," "Slue-foot."

Cincinnati, Ohio.

"It is much easier to be critical than to be correct."

Here we have Kiefer, coat buttoned *à la* Earhart, standing beside what is ordinarily used to represent the world,—a globe. We do not know whether the photographer desired thus to call attention to "Kief's" knowledge of world-wide events and his criticism thereof, or to indicate that he has the world under his thumb. If the latter be the case we fear the photographer was somewhat premature. However, we do not doubt that before long he will have at least a small portion of the world under his thumb, and we are quite confident he will always have a goodly portion under his pedal extremities.



Photo by Michel, '03.



Photo by Blair, '03.

GILBERT, HENRY C. "Hud," "Hud the Hiker," "Le Petit Chose."
Terre Haute, Indiana.

"Great in many things, though not in stature."

Mgr. Basket-ball (J.), Asst. Mgr. Foot-ball (J.)

We see before us the image of "Hud," who gained the addition of "the Hiker" after breaking the pursuit race record by making sixteen blocks in fifteen seconds, at the time of our Sophomore banquet. He is a jolly good fellow and one of the boys. Still, among all his faults there are yet many virtues.

As for tennis he loves the game, all games in fact, yet loves not a love-game, especially if the other fellow gains the advantage of the love.

He is game to the core, in everything from class contests to chickens. When, after raising a racket or playing the deuce, his nimble feet have not succeeded in evading the nets of the law, he receives the sentence served upon him by the faculty court and bears his punishment as a man should.

COX, N. HADLEY "Had."
Terre Haute, Indiana.

"He picked something out of everything he read."

Class Treas. (S. J.), Basket-ball (F. S. J.), Vice Pres. Glee Club (J.), Pres. Symphony Club (J.), Foot-ball (S.), Mgr. Base-ball (S.)

One of the most popular fellows in the class, as the above long list of honors testifies. But such is to be expected of one who "pursues the even tenor of his way" as he always does.

Tenor! Ah, can we forget that sweet tenor solo, "The Little Brown Church in the Vale," rendered by him at the first concerts of the Glee Club?

Too bad we could not picture the Cox Bros. at their excellent team work in a basket-ball game. Still, this is more permanently photographed upon our minds than it could ever be upon paper.



Photo by Blair, '03.



Photo by Blair, '03.

COHN, CLARENCE A "Rubber," "Cohnie."
Salt Lake City, Utah.

"He toils not,—neither does he spin."

Treas. Telegraph Association (S.)

For the most part the aim of these pictures has been to show the fellows in some characteristic pose,—as we see them every day. But we were so surprised to find "Rubber" earnestly at work, for the third time in the three years, we could not resist the temptation to depart from our course and present one non-characterestic.

We do not doubt but that a more appropriate place for this picture would be in a collection of curios, still for history's sake we are willing to run the risk of being termed consummate liars, and bear the accusation of having obtained this picture by a special pose.

BLAIR, MARION W "Chick."
Terre Haute, Indiana.

"The turnpike road to people's hearts I find,
Lies through their mouths, or I mistake mankind."

Sec'y.-Treas. Camera Club (J.)

No, he is not starting out with supplies for a week's prospecting in Oklahoma; but simply as we are accustomed to see him coming to school for the day's work. Loaded down with books, camera, and that "Portable Restaurant."

Many is the time, when growing hungry during shop hours, we have searched, but always in vain, for this large lunch basket, knowing full well that it would contain enough for the entire section—that is, before the noon hour.



Photo by Brosius, '03.



Photo by Blair, '03.

WILLIAMS, JOHN P. A "Jap", "J. P. A."
 Terre Haute, Indiana.

"The smith, a mighty man was he."

Foot-ball team (S. J.)

This is not Siegfried forging his sword with which to overcome the dragon, but simply "J. P. A." trying to obtain some practical experience with which to meet the competition of the world.

Pity 'tis we could not have obtained a picture of him forging through the line of an opposing foot-ball team to break up some mass play.

PETTIT, H. BLAIR "The Gentleman from Kentucky."
 Owensboro, Kentucky.

"A soft answer turneth away wrath."

Technic Staff (S. J.), Asst. Editor Modulus, Sec'y.-Treas. Scientific Society (J.)

Look well to this proverb, Blair, and govern yourself accordingly, for remember you are class biographer, and there are others also who will not lose sight of this fact.

We wonder if you obtained all these original (?) ideas from that "Commoner" you are reading or are they products of your own fertile mind.

By the way, Blair, do you remember that night when — — ? Yes? I thought you would not forget that.



Photo by Brosius, '03.



Photo by Blair, '03.

BOWIE, WALLACE D. "Dewey," "Greaser."

Gallup, New Mexico.

"The strong man of the show, you bet,
And one a fellow can't forget."

Foot-ball (F. S. J.), Foot-ball Capt. (J.), Base ball (F. J.)

It is said he blew into town several years ago with Buffalo Bill's Wild West. It is not known whether he took the role of a cowboy or vaquero. However, he is here. "Dewey" is fierce, although he may not look it. He says he used to go out and wrestle with a grizzly or two to get up an appetite for breakfast.

He is great in athletics, anyone could tell that from the picture. The Sunday morning papers have often told of "Dewey's" work, and even Indiana and Purdue tackles have known they were "up against it" when he was in the game.

Like all men from the wonderful West, Bowie is fond of relating still more wonderful stories of that West. There is no telling to what limits he might go if pushed.

AUSTIN, ALFRED N. "Allie."

Terre Haute, Indiana.

"No man is born into the world whose work is not born with him."

Technic Artist (S. J.), Chairman Hallowe'en Committee and Modulus Illustrating Committee.

One has but to turn the pages of this book, or look over the files of the Technic to appreciate our friend's talent.

Always ready and willing to draw us out of some tight place, we would be very ungrateful indeed did we not here extend him our hearty thanks.

— But say, did you ever have him draw a laundry bill on you ?



Photo by Blair, '03.



Photo by Michel, '03.

WIEDEMANN, H. EDMUND “Wede,” “Fire Chief.”

Terre Haute, Indiana.

“Like hand-in-hand insurance plates,
Which unavoidably creates
The thoughts of conflagration.”

Orchestra (J.)

In the Chemical laboratory where there are so many combustibles and “safety” matches, it has been found necessary to organize a volunteer fire department. Doubtless many a serious conflagration, in the waste-jars, has been prevented by the prompt action of this company led by their valiant chief.

The departments of many cities might profit by the promptness shown in case of an alarm, and the superiority of a wash-bottle over a fire-engine.

“Chief Wede” is the possessor of many medals for meritorious conduct and bravery in action.

AGUILERA, FRANCISCO V “Aggie,” “Aguinaldo,” “Damn Spaniard.”

Manzanillo, Cuba.

“Though he be in a foreign land, the flag is companionship and country itself with all its endearments.”

Though pictured here by reflection, we would incidentally remark, there is intended no reflection upon his character, the friendly nicknames to the contrary notwithstanding. May he never be refracted from his present course, for we are confident he will afterwards “reflect credit to the Institute.”

(“Gee whiz!” What a light mixup).



Photo by Blair, '03.



Photo by Blair, '03.

POST, CHESTER L. "Stick."

Gordon, Ohio.

"He who runs may read."

Class Vice-Pres. (J.), Foot-Ball (J.), Glee Club (J.)

Though now standing straight and rigid, as a post should, you ought to see him when he limbers up in a mile run.

Although possibly not as speedy when it comes to kissing the girls as at running, still when hard pressed and urged on by being called "turkey," even by the young lady herself, he has shown as much determination and will power as in racing.

If you do not believe it ask any of the "Starving Cubans."

SMITH, CLAIBORNE "Schmidtie."

Evansville, Indiana.

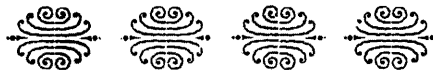
"Universal plodding poisons up
The nimble spirits in the arteries."

Here is that corn-cob pipe and—Smith. They are evidently enjoying their mutual company behind the gymnasium.

You had better look out, Smith. It would be rather embarrassing, for "Doc," should Crawford tell you to report to Doctor Mees for smoking on the campus, and you should find him enjoying a good cigar in the Physical laboratory.



Photo by Michel, '03.



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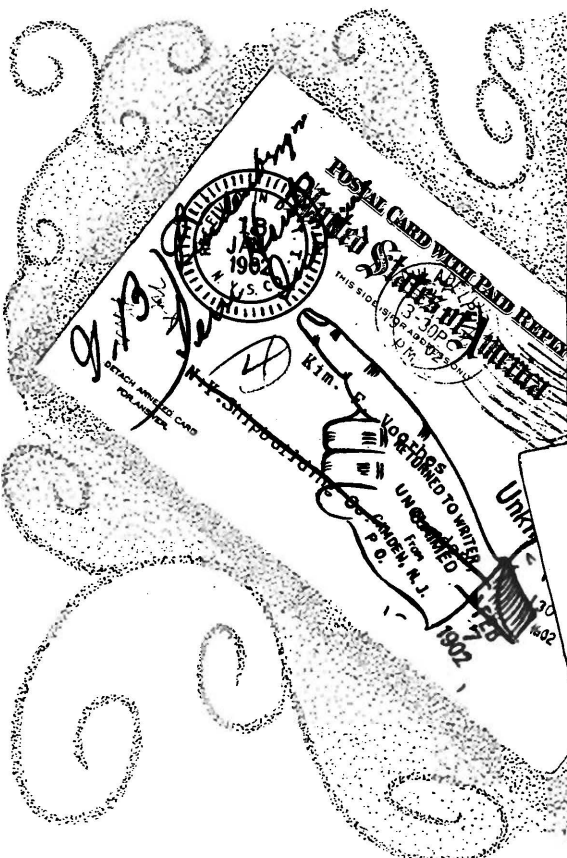
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Wickham, Walter M. M { Engineer Blast Furnaces Lackawanna Iron
and Steel Co., Buffalo, N. Y. }

Wicks, Albert W. M { Contract Agent Commonwealth Electric Co.,
Chicago, Ill. }

Wilson, Robert L. M { Resident Engineer of the Westinghouse
Electric & Manufacturing Co., at New
York City. }

Wood, George R. M { Superintendent of Electric Equipment,
Civil Engineering, '93. } Pittsburg Coal Co., Pittsburg, Pa.

Young, J. Charles. M { Secretary of the People's Light Co., Daven-
M. E., Cornell. } port, Ia., and Supt. of the People's Power
Company, Moline, Ill.

Class of 1893.

Albert, Clifford E. E { With the United States Playing Card Co.
Cincinnati, Ohio. }

Albert, Walter H. E { Secretary of the Barron, Boyle Co., Cin-
cincinnati, Ohio. }

Allen, Burgess E { Of Allen Bros., Memorial Architects, In-
dianapolis, Ind. }

Becker, Maurice E. E { Draftsman Connersville Blower Company,
Connersville. }

Dale, James E { Sales Agent for Indiana of the Hallwood
Cash Register Co., Indianapolis, Ind. }

Hart, H. Stillson. E { Vice-President and General Manager of the
Rodger Ballast Car Co., Chicago, Ill. }

Hood, Arthur M. E { Of Bradford & Hood, Patent Lawyers, In-
LL.B., Columbian; M.S., '98. } dianapolis, Ind.

Huthsteiner, Robt E. E { Assistant Engineer, Switchboard Dept.,
General Electric Co., Schenectady, N. Y. }

Johannesen, S. E. C { Engineer Transformer Department Wagner
M. S., E., '95; E. E., '98. } Electric and Manufacturing Co., St. Louis.

Johonnott, E. S. E { Acting Associate Professor of Physics, Rose
M. S., '97; Ph. D., Chicago. } Polytechnic Institute, Terre Haute.

Klotz, August H. E { Managing Owner of the Klotz Machine Co.,
Sandusky, Ohio. }

McDermott, H. E. E { With the General Electric Company, Sche-
nectady, N. Y. }

MacGregor, James C. E { In the United States Service, Philippine
LL. B. Columbia. } Islands.

Moth, Robert H. C { Civil Engineer with the Davy Burnt Clay
Ballast Co., Kenosha, Wis. }

Rice, Arthur E { Engineer in the Construction Dept., New
York Telephone Co., New York City. }

Rose, Clarence C. E { Vice-President of the Dickinson Hardware
Co., Little Rock, Ark. }

Ross, Taylor W. E { With the New York Ship Building Co.,
M. E., Cornell. } Camden, N. J.

Valentine, Robt. D. E { Of Valentine Bros., Machinists and Elec-
tricians, Minneapolis, Minn. }

Waite, William H. E { Chief Engineer Vulcan Iron Works, To-
ledo, Ohio. }

Wenzel, Charles G. E { Instructor in Machine Work and Mechani-
cal Drawing, Manual Training School,
Toledo, Ohio. }

Class of 1894.

Anderson, W. M. E { Professor of Physics, Manual Training High
School, Louisville, Ky. }

Andrews, Morton C. C { Civil Engineer and Supt. Williamsport
Stone Co., Williamsport, Ind. }

Blinks, Walter M. Ch { Superintendent Michigan City Gas Light
Co., Michigan City. }

*Brown, Elmer Ch

Denehie, John F. E { With the Louisville Electric Light and Gas
Co., Louisville, Ky. }

Frohman, E. D. Ch { Secretary S. Obermayer Co., Pittsburg, Pa. }

Hedden, Oran R. E { Principal High School, Robinson, Ill. }

Henrikson, Sigurd L. E { Draftsman, Union Iron Works, San Fran-
cisco, Cal. }

Hildreth, Fred F. C { Master Mechanic Terre Haute & Indianap-
olis R. R. Co., Terre Haute. }

Holding, J. C. C.....C { With Keystone Bridge Works, Carnegie Steel Co., Ltd., Pittsburg, Pa.
 Kilbourne, H. G.....Ch { Supt. Liquid Carbonic Acid Mfg. Company, Chicago.
 *McCulloch, David ..E
 Mendenhall, Charles E. E { Assistant Professor of Physics, University Ph. D., Johns Hopkins.
 *Mischler, PaulE
 Mory, Austin V. H..Ch { Chemist, Armour Packing Co., Kansas City, Mo.
 Riedel, EdwardE { With the Metropolitan Street Railway, Central Power House, 96th St. 1st Ave., New York.
 Robinson, Edw. F....C { Supt. M of W. & S., Butte, Anaconda & Pacific Ry., Anaconda, Mont.
 Royse, James S.....E With Terre Haute Trust Co., Terre Haute.
 Speed, BucknerE { Assistant Engineer, Southern Pacific Ry., San Francisco, Cal.
 Stanton, Howard M..E { Of the firm of Stanton & Stanton, Attorneys-at-Law, Indianapolis, Ind.
 LL. B., Indianapolis.
 Winters, George H...C { Resident Engineer Coah. & Pacific Railway, Saitillo, Mex.

Class of 1895.

Anderson, L. C.....E { Consulting Electrical Engineer, Franklin, Ohio.
 Bigelow, Henry W...E { In charge of Experimental Dept. Hartford Rubber Works Co., Hartford, Conn.
 Brown, Samuel G....E Willoughby, Ohio.
 Burtis, Edwin R.....E { With F. A. Walters, Fuel Contractor for Colorado & Southern Ry., Denver, Colo.
 Craver, Harry W....Ch { Asst. Supt. Allegheny Steel & Iron Co., Avenue, Allegheny Co., Pa.
 Crockwell, Chas. R...C { Engineer of Mines, The Cambria Mining Co., Cambria, Wyo.
 Crowe, Walter W....E { Mechanical Engineer City Court Building, Chicago, Ill.
 Darst, Edward A.....E Farmer, Eureka, Ill.
 McTaggart, Jas. R..Ch { In Technical Science Dept., Carnegie Library, Pittsburg, Pa.
 Miller, Francis H....E { Chief Engineer, Louisville Railway Co., Louisville, Ky.
 M S., '97; M. E., '99.
 Mundy, W. Offutt....E { In Controller Engineering Dept., General Electric Co., Schenectady, N. Y.
 M S., '97; M. E., '99.
 Phillips, George W...E { Assistant to Constructing Engineer, American Smelting and Refining Co., Perth Amboy, N. J.
 Robinson, A. L., Jr...E Manager of Eclipse Mine, Auburn, Cal.

Shaneberger, E. L....C { Engineer M. of W. Peoria Division Vandalia Ry., Terre Haute.
 Speed, William S.....E { Of the firm of J. B. Speed & Co., and Vice President and Manager of the Louisville Cement Co., Louisville, Ky.
 M. S., '97; M. E., '99.
 Troxler, L. E.....E { Electrical Manager, Louisville & Pewee Valley Electric Line, Louisville, Ky.
 Tuller, Arthur V.....E Lumber Dealer, Carrier Mills, Ill.
 Wade, Archie E.....E { With the Peoria Gas and Electric Company, Peoria, Ill.
 Wiggins, Wm. D.....C { Engineer Maintenance of Way, Marietta Division, Pennsylvania Railroad Co., Cambridge, O.

Class of 1896.

Beebe, Robert W.....E { Manager of the Motor Truck and Vehicle Co., Columbus, O.
 Burk, William E....Ch { Instructor of Chemistry, Louisville Male High School, Louisville, Ky.
 M. S., 1901.
 Carr, Uhel U.....E { In Engineering Dept., Heyl & Patterson Co., Pittsburg, Pa.
 M. S., '99.
 Decker, Walter L....E { With Westinghouse, Church, Kerr & Co., New York City.
 Failey, Bruce F.....E { Vice President Blair & Failey Co., and Treasurer Terre Haute Brewing Co., Terre Haute.
 Farrington, James ...E { General Superintendent Youngstown Engineering Co., Youngstown, Ohio.
 M. S., '98.
 Green, Frank T.....E { Secretary and Asst. Superintendent Sioux City Brass Works, Sioux City, Iowa.
 *Harris, Ellsworth B Ch
 Hunt, Frederick G...E { With Cincinnati Gold Placer Mining Co., Cincinnati, Ohio.
 Klinger, P. Wert.....E { Electrician and Foreman Machine Shop, Barney & Smith Car Co., Dayton, Ohio.
 Klinger, Watson J....E Greenville, Ohio.
 Liggett, Harry T....E { With Cumberland Telephone and Telegraph Company, Louisville, Ky.
 McDargh, Harry J...C { First Assistant City Civil Engineer, Dayton, Ohio.
 M. S., 1900.
 McMeans, Orange E...E { Milling Engineer, Nordyke & Marmon Co., Indianapolis, Ind.
 M. S., 1900; M. E., 1911
 Meadows, Harvey H...C { Manager South Eastern Office, The Babcock & Wilcox Co., Atlanta, Ga.
 Meriwether, Richard..E { Superintendent of Underground Cable Construction, Western Electric Co., Chicago.
 O'Brien, Barrington..E { Superintendent Electric Light Co., St. Peter, Minn.
 Rice, Oscar G.....E { Contracting Engineer, B. F. Sturtevant Co., New York City.

Ridgley, Clarence M...E { Superintendent of the Aetna Foundry-Machine Co., Springfield, Ill.
 Sanborn, Wallis R...C { Acting Roadmaster Indiana, Illinois and Iowa R. R. Co., Kankakee, Ill.
 Sanford, Linus, Jr....E With Western Electric Co., Chicago, Ill.
 Sinks, Frank F.....C In Pittsburg Testing Laboratory, Chicago, Ill.
 Smith, F. Elbert.....E { Superintendent Avondale Factory, Continental Gin Co., Avondale, Ala.
 Van Auken, J. M.....C { Draftsman Bellefontaine Bridge & Iron Co., Bellefontaine, Ohio.
 Walser, EdwardCh { Of E. Walser & Co., Assayers and Chemists, Denver, Colo.
 Werk, I. M. Louis...Ch Chemist, M. Werk & Co., Cincinnati.
 Wells, George E.....E { Of firm of Ruebel & Wells, Consulting Engineers, St. Louis, Mo.

Class of 1897.

Arn, William G.....C { Assistant Engineer M. & M. and A. & F. Divisions of Louisville & Nashville R. R., Montgomery, Ala.
 Camp, Theodore L...E { Manager Mechanical Dept. Camp Wrapping Machine Co., Chicago, Ill.
 Chandler, Benj. F....E With Cleveland Bicycle Co., Westfield, Mass.
 *Frank, EdmundE Died, July 16, 1901.
 Fry, Charles H.....E In Editorial Department Railroad Gazette Chicago, Ill.
 Gordon, Arthur F....E { Draftsman, McClintick-Marshall Construction Co., Pittsburg, Pa.
 Hall, Jay H.....E { Assistant Superintendent Youngstown Engineering Co., Youngstown, Ohio.
 Haney, J. Briggs.....E { Draftsman in Ordnance Office, War Department, Washington, D. C.
 Heichert, Herman S..E { Draftsman Pittsburg Plate Glass Co., Pittsburg, Pa.
 Hellweg, J. H., Jr...E With the Western Electric Co., Chicago.
 Holderman, C. H.....C County Surveyor, Crawford County, Hutsonville, Ill.
 Ingle, J. David, Jr...C { Superintendent David Ingle's Coal Mines, Oakland City.
 Kessler, John J., Jr..Ca { Chemical Engineer, Wagner Electric Co., St. Louis, Mo.
 Lendi, J. HenryE In charge of Electrical Laboratory of the Kellogg Switchboard & Supply Co., Chicago, Ill.
 Lufkin, John E., Jr...E { Electrical Engineer, Chicago & Eastern Illinois Railway, Danville, Ill.
 Martin, Walter H....C City Engineer, Danville, Ill.
 Meyer, August H....E { Of Langstadt & Meyer, Electrical Supply & Construction Co., Appleton, Wis.
 Moore, Odus B.....E { In Electrical Engineering Department Westinghouse Electrical & Manufacturing Co., Pittsburg, Pa.

Newbold, Roger M...E { With Louisville & Nashville Railway, Birmingham, Ala.
 Philip, Robert A.....E With Seattle Electric Co., Seattle, Wash.
 Pierson, T. Guy.....C Of J. L. Pierson Lumber Co., Spencer.
 Rypinski, Maurice C..E { In Standardizing Laboratory, General Electric Co., Schenectady, N. Y.
 Shaver, Archie G.....E { Assistant Engineer, Union Pacific R. R. Co., Omaha, Neb.
 *Tucker, Clarence H..E
 Westfall, Herbert C...E { In Engineering Dept., C. O. & G. R. R., Little Rock, Ark.
 Willius, Gustav, Jr...E { Electrical Engineer, Great Northern Railway, St. Paul, Minn.

Class of 1898.

Austin, Ned M.....Ch { Chemist for Apollo Iron & Steel Co., Vandergrift, Pa.
 Brachmann, Fred C...E { In Switchboard Department General Electric Co., Schenectady, N. Y.
 Eastwood, Arthur C..E { Engineer of Electric Controller & Supply Co., and Wellman-Seaver Engineering Co., Cleveland, O.
 Fletcher, Thomas ...E { With Edison Light and Power Co., Little Rock, Ark.
 Ford, W. EllisC { Assistant Resident Engineer Choctaw, Oklahoma & Gulf R. R., Ardmore, I. T.
 Freudenreich, W. F..E { Assistant Examiner Patent Office, Washington, D. C.
 Hubbell, John E.....E { Third Assistant Examiner Patent Office, Washington, D. C.
 Kidder, Ned S.....E With Wabash Mills, Terre Haute.
 Kloer, CharlesE { With Liquid Carbonic Acid Mfg. Co., Chicago.
 Kloer, Gustave F...E { With Liquid Carbonic Acid Mfg. Co., Chicago.
 Lansden, J. M., Jr...E { Manager Birmingham Electric & Manufacturing Co., Birmingham, Ala.
 Montgomery, John T..C { Resident Manager Roebbling Construction Company, Chicago, Ill.
 Pirtle, ClaiborneE { Agent for General Electric Co., in North Carolina and Southern Virginia with headquarters at Greensboro, N. C.
 Roberts, Shelby S...C { Assistant Engineer of L. & N. Ry., in charge of Improvements at Henderson, Ky., and Evansville, Ind.
 Ryder, Waldo B., Jr..E { Electrician Union Copper Mine, Gold Hill, N. C.
 Schneider, Fred W..E { With General Electric Company, Schenectady, N. Y.
 Stewart, Morton B...E { Mechanical Engineer Missouri-Edison Electric Co., St. Louis, Mo.

Stilz, Harry B..... E { Draftsman in Bureau of Construction and Repair, Navy Department, Bath, Maine
Theobald, Charles E...E { Engineer in Construction Department New York Telephone Co., New York.
Voorhes, K. EE { In Mechanical Engineering Department New York Shipbuilding Co., Camden, N. J.
Wamsley, CaleC { Resident Engineer on Construction on Oklahoma & Western Railroad, Burford, O. T.
Whitten, Frank A....E { Engineer in Testing Dept. Henry Worthington Works, Brooklyn, N. Y.
Wiley, BrentE { In Electrical Dept. Homestead Steel Works, Munnhall, Pa.

Class of 1899.

Burt, Nathaniel P....E { With the Great Western Stove Co., Leavenworth, Kan.
Butler, Noble C., Jr..M { With Henry Worthington's Hydraulic Works, Brooklyn N. Y.
Crebs, Walter D.....M With the Beaver Soap Co., Dayton, Ohio.
Davis, William G....E { On Engineering Staff of Power & Mining Dept., General Electric Co., Schenectady, N. Y.
Edwards, Edmund P...E { In Construction Dept., General Electric Co., Schenectady, N. Y.
Froehlich, F. H.....E { With the Edward Ford Plate Glass Co., Toledo, Ohio.
Holliger, Jesse E.....E { Assistant Examiner Patent Office, Washington, D. C.
Howell, Cecil A.....E { Assistant Engineer Wagner Electric Manufacturing Co., St. Louis, Mo.
Jumper, Frank J.....E { Civil Engineer, Pressed Steel Car Works, Allegheny, Pa.
Keyes, Clift B.....E { In Construction Dept., General Electric Co., Schenectady, N. Y.
Kidder, Arthur D.....C { U. S. Examiner of Surveys. In the field. M. S., Columbian.
Kittredge, Harvey G.Ch { Secretary of the Kay & Ess Co., Manufacturers of Paint Oils, Dayton, Ohio.
Likert, George H.....E { Foreman of Round House, Union Pacific Railway Shops, Cheyenne, Wyo.
McLellan, James J...E { Superintendent Blue Bell Mining Co., Webb City, Mo.
Platts, J. Milton.....E With the Western Electric Co., Chicago.
Schwable, Harry C...E { Manager of Production and Cost Dept. Ohio Brass Co., Mansfield, O.
Schwed, John F.....C { In Construction Dept., Southern Railway, Birmingham, Ala.
Smyth, Cubitt B.....M { In Union Pacific Railroad Shops, Cheyenne, Wyo.
Stone, Arthur P.....C { Draftsman Webster. Camp & Lane Machine Co., Cleveland, Ohio.

Thompson, Arthur C..E { With the Ridgeway Dynamo and Engine Works, Ridgeway, Pa.
Trumbo, Charles F...E { Engineer with the Blue Bell Mining Co., Webb City, Mo.

Class of 1900.

Appleton, Wm. C.....E { With the General Electric Co., Schenectady, N. Y.
Brewer, Jesse I.....M { Draftsman with Mechanical Engineer of Pennsylvania Railroad, Altoona, Pa.
Insley, Wm. H.....A { With Haugh-Noelke Iron Works, Indianapolis, Ind.
Kidder, Sidney J....C { With the Pittsburg Testing Laboratory, Ltd., 1750 Monadnock Block, Chicago, Ill.
Larson, Charles J....M { Erecting Engineer with the Allis-Chalmers Co., Milwaukee, Wis.
Leser, HenryC { Assistant on Engineer Corps in Maintenance of Way Dept. of Pittsburg Div. of P., C., C. & St. L. Ry. Co., Pittsburg, Pa.
Loofbourow, J. H....C { With the National Mining Co., Pittsburg, Pa.
Madison, Herbert F..Ch { Assistant Chemist Ohio Works, National Steel Co., Youngstown, Ohio.
Maier, Gustave A....E { Of the K. & M. Engineering Co., Milwaukee, Wis.
Mees, Curtis A.....C { In Office of Chief Engineer, New York Central & Hudson River Ry., New York.
Meriwether, D., Jr...C { In Construction Department of the Southern Railway, Louisville, Ky.
Phillips, Edward F..Ch { Structural Steel Draftsman in Engineering Dept., Brown-Ketcham Iron Works, Indianapolis, Ind.
Richardson, H. S.....E { Draftsman Ordnance Office, War Dept., Washington, D. C.
Witherspoon, T. D...E { On Engineering Staff of Youngstown Engineering Co., Youngstown, Ohio.
York, RobertE { Manager of the Kearney Lumber Mills and Sales Representative of The Brownell & Co., Pine Bluff, Ark.

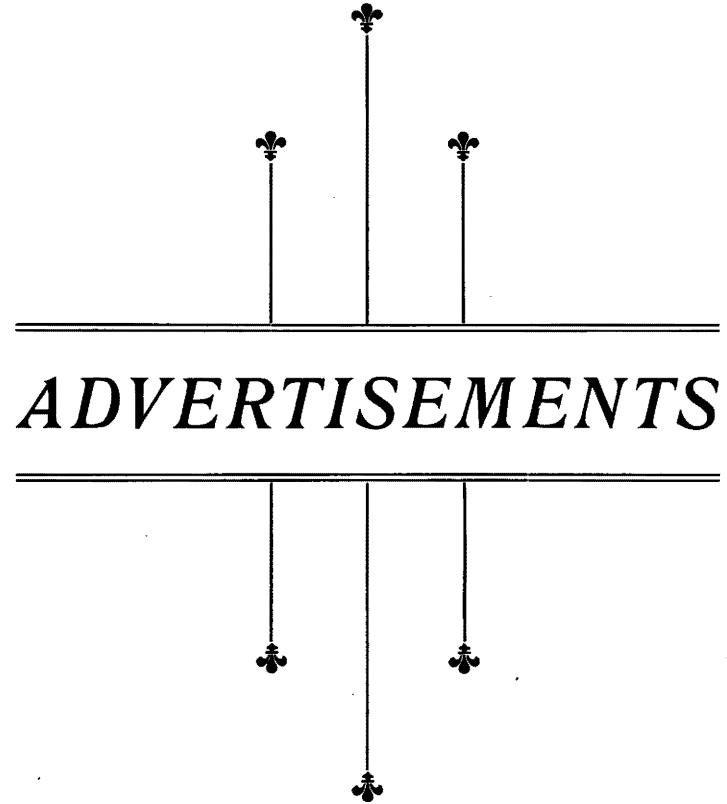
Class of 1901.

Clay, G. HarryCh { Assistant Chemist Proctor & Gamble Co., Ivorydale, Ohio.
Crawford, Gilbert ..Ch With Serage Smelting Works, Galena, Kan.
Gibbons, Walter R...C { Graduate Student and Assistant in Civil Engineering, Rose Polytechnic Institute
Hadley, WilliamE { With Electrical Dept. Carnegie Steel Co., Homestead Steel Works, Munhall, Pa.
Hammel, Max J.....E { Meter Inspector, Wisconsin Traction, Light & Power Co., Appleton, Wis.

Helmer, L. Leslie...Ch { Chemist in Charge, Maryland Sheet & Steel
 Co., Cumberland, Md.
 King, Everett E.....C { Assistant Engineer Mexican Central Ry.,
 City of Mexico.
 Lyon, Albert C.....Ch { Assistant Superintendent Chiapas Mining
 Co., Teapa, Tabasco, Mexico.
 Miller, Robert N.....Ch { Instructor in Male High School, Louisville,
 Ky.
 Perkins, Hugh E.....C { In Engineering Department Metropolitan
 West Side Elevated Ry. Co., Chicago, Ill
 Pfleging, Frank W....E { Signal Inspector Union Pacific Ry., Omaha,
 Neb.

Piper, Harry D.....M { With the Ewart Manufacturing Co., Indian
 apolis, Ind.
 Riggs, J. Robert.....E { In Motive Power Department, Vandalta
 Railway, Terre Haute.
 Rochester, Robt. K...C { Assistant Engineer M. of W. of L. & T. and
 T. H. & L., Railways, Logansport, Ind.
 Schwartz, Harry A...E { Instructor in Drawing, Rose Polytechnic
 Institute, Terre Haute.
 Troll, Martin N.....N { With the National Malleable Castings Co.,
 Indianapolis.
 Warfel, Rob Roy....Ch { Chemist for the Allegheny Steel & Iron Co.,
 Avenue, Pa.





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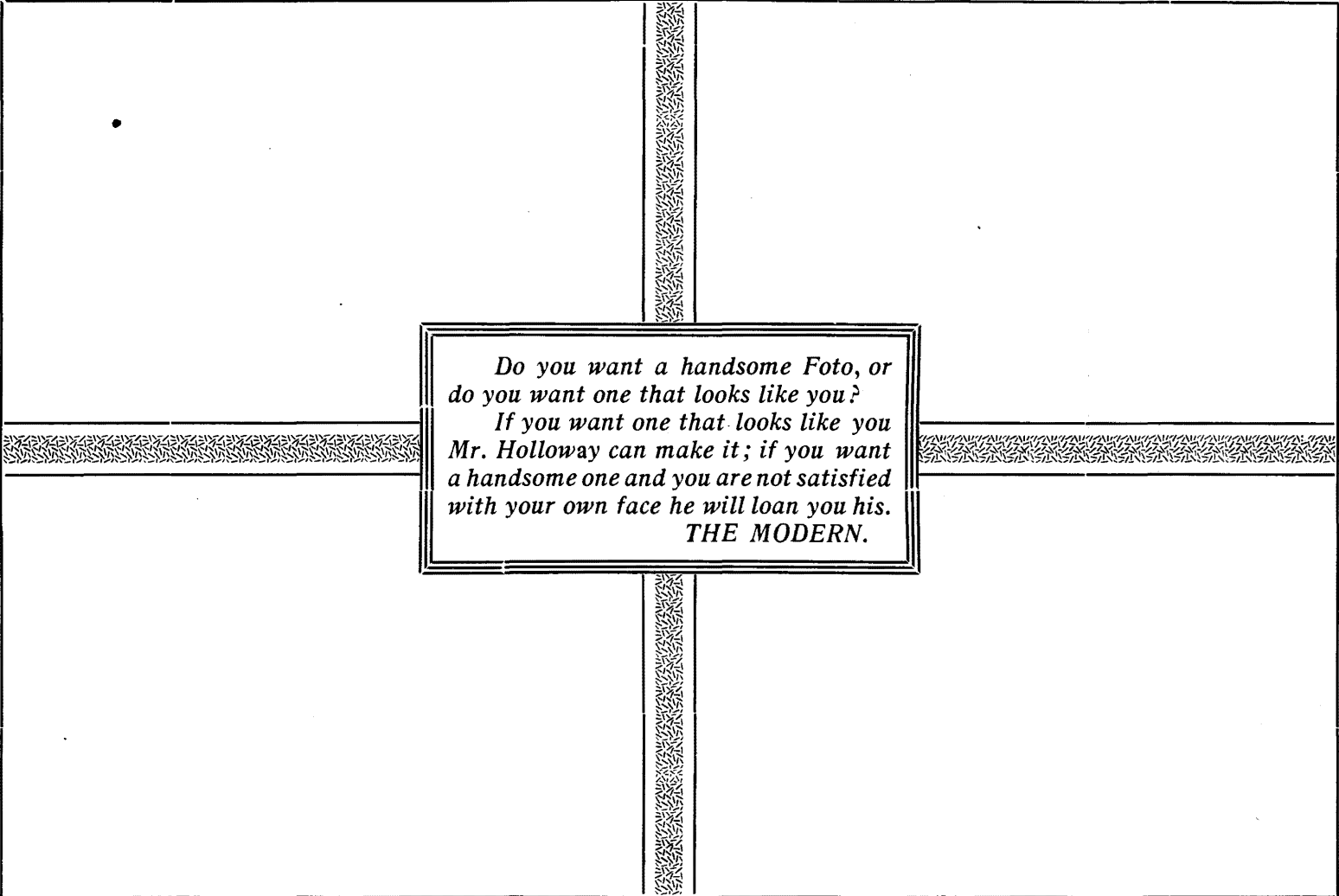
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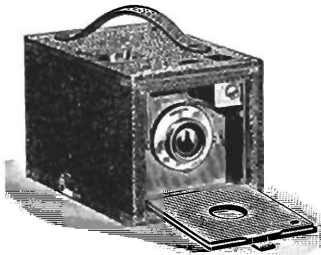
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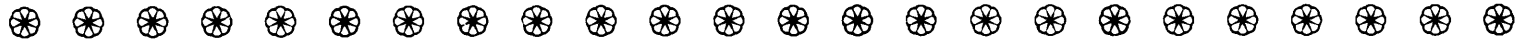
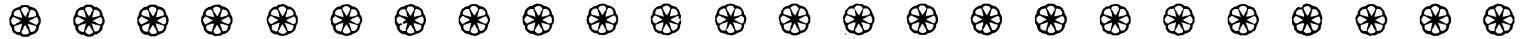
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