

# CORNELL ALUMNI NEWS

Vol. VII. No. 19

Ithaca, N. Y., February 15, 1905

Price 10 Cents

## CORNELL VETERINARIANS.

Some Cornell Men Who Have Achieved National Distinction in Comparative Medicine.

By D. Arthur Hughes, '98.

Cornell University has always stood, and now stands, for the equal dignity of all studies when they are pursued for the enlargement of individuality and for the service of humanity. This is the central point written large in the early educational documents of the founders of the University, Andrew Dickson White and Ezra Cornell; it has been ever emphasized and amplified by the illustrious leaders, its first president and its present president.

The colleges and departments of the University, as they are seen today, can all trace their initiation to the far-seeing purpose of the many-sided intellectual founder. In the very first plan for organization, written by President White in 1866, may be found detailed plans for the institution, first of all, as the University had in April 27, 1865 become beneficiary of the Federal land grant, of courses in agriculture. With that largeness of mind characteristic of the scholar who has studied wisely European history, politics and economics; with the foresight and sagacity of the travelled man who has seen varied economic conditions and has discerned the true basis of national wealth; with the broadness of an enlightened educator stanchly standing for "equality between different courses of study," Mr. White, in the plan for the organization, detailed his scheme for special studies in agriculture to meet the industrial wants of the American people for whom the agricultural college grant was intended. Among these branches of learning the necessity for studies in comparative medicine and their value to national wealth was apprehended, so that they were included in the curricula.

Mr. White's career as president was not less remarkable for his choice of men of great learning and ability and his persuading them to lecture at the University than was his conception of a university and the vision he had for the future of the one he had conceived. Just as he had obtained Goldwin Smith for political history and Louis Agassiz for natural history, so he had induced James Law to accept the chair of comparative medicine. Nor does the lustre of such names as Goldwin Smith and Louis Agassiz suffer by being bracketed with James Law. What they have been to political history and to natural history, he is to comparative medicine. Chosen by Mr. White himself, he has fulfilled all expectations in the estimate that was early put upon him. In the thirty-eight years that he has served Cornell he has carved out for himself and the University a large name.

### DR. LAW'S ACHIEVEMENTS.

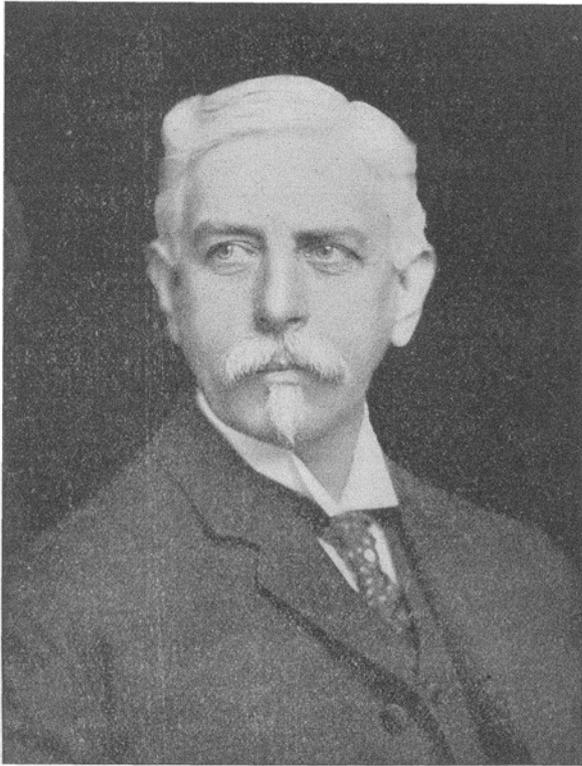
He has three times been called upon by the Federal govern-

ment to institute means to eradicate wide-spread infectious diseases among animals, which imperilled the very life of the immense live stock trade of the nation, and his free hand led to their eradication; he has been always the chief authority in his science in all matters of practice; he has exhibited the instincts of the jurist in the formation of wise measures relating to comparative medicine which are now, as a result of his influence, found in the Federal and State statute books; he has indited thousands of pages of scientific writing in undefiled English and his five great authoritative volumes on Veterinary Medicine are a lasting monument to his erudition in the science; he has written innumerable pamphlets which have explained to the common people the necessity of sanitary precaution against infections, for he had the knack of writing out scientific knowledge with simplicity; his zeal and his persistency, after the space of twenty-seven years, made him the founder of the New York State Veterinary College, for it was his potent influence which impressed Governors Flower and Black when the measure was passed for its foundation and organization; above all, as a lasting result of his original power, his earnestness, his vast scientific knowledge, the winsomeness of his personality, he has attracted young men of parts to his laboratories and lecture room and has been the means of molding intellect and character. Small wonder is it, then, that some of his students have achieved national distinction in comparative medicine.

### Daniel Elmer Salmon, '72.

The foremost of Dr. Law's students and the man who has achieved the greatest distinction in the field of veterinary science, undoubtedly, is Dr. Daniel Elmer Salmon, chief of the Bureau of Animal Industry, Department of Agriculture, Washington. He was a member of the first Freshman class, 1868, passed three years and a half in Ithaca, largely in veterinary studies, was allowed, without prejudice to his standing at the University, to take six months at Alfort Veterinary school, Paris, returned and was graduated at Cornell in 1872 with the degree Bachelor of Veterinary Science. In 1876 the degree of Doctor of Veterinary Medicine was conferred on him by the University.

Such sudden and hearty recognition of talent perhaps seldom comes to a man as came to Dr. Salmon. Between 1878 and 1883 he was three times called by the Federal government to investigate infectious diseases among animals; in 1878 under a Federal appropriation he was appointed to investigate contagious diseases among swine; in 1879 he was appointed an inspector of the port of New York to serve on the staff of Professor Law to stamp out contagious, pleuro-pneumonia among cattle; later, Commissioner Le Duc of the United States Department of Agriculture appointed him to investigate animal diseases in the Southern States, notably the wide-spread infection Texas fever. His success in these offices led Commissioner Loring to call him to Washington in 1883 to



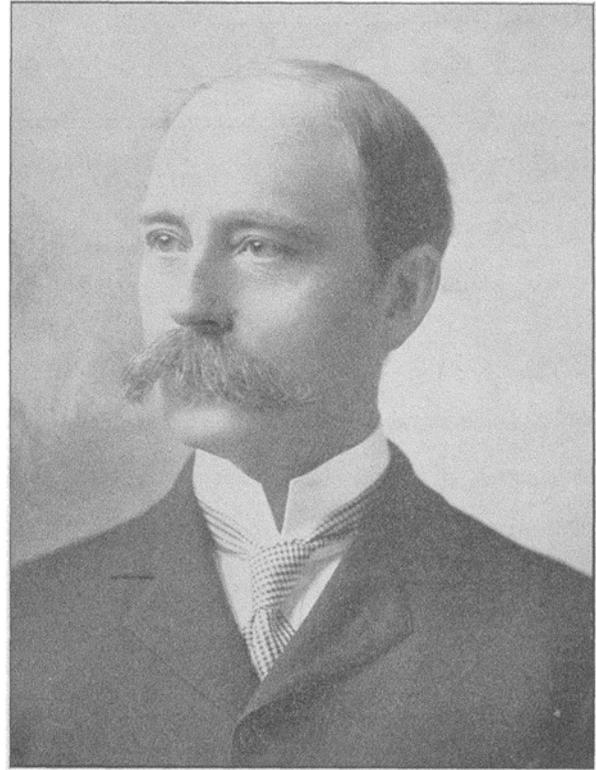
DR. DANIEL E. SALMON, '72.

establish a veterinary division in the Department of Agriculture. In 1884 Congress passed an act establishing the Bureau of Animal Industry of which Dr. Salmon was appointed chief. He is still chief, an office he has held uninterruptedly, through all administrations, for twenty-one years.

With a certain sense of modesty and yet with a tone of just pride Dr. Salmon has written: "There are comparatively few persons who know of the great work which this bureau has accomplished in scientific research, in the eradication of animal diseases, in guarding against exotic plagues, in preserving our export trade in animals and animal products, in opening up new markets for the products in foreign lands, and, above all, in protecting the health of our people by the condemnation and destruction of diseased meat. The work is so widely distributed and is carried on so quietly without ostentation or display that it has not attracted the public notice which its importance deserves."

To the everlasting honor of Dr. Salmon be it said that he is the originator and constructor of the vast machinery of the Federal government, the Bureau of Animal Industry, herein touched upon, the general purpose of which he states; that for over twenty-one years, with the enlargement of its powers by Congress, he has shown a resourcefulness in invention meet for the extension of the work into a system for the control of diseases among animals and the prevention of diseases transmissible to man, which has commanded the admiration of the foremost scientists, not only of this continent, but of Europe.

Some of the most important things accomplished by this bureau under Dr. Salmon's direction are: first, the complete eradication of pleuro-pneumonia of cattle from the United States—a disease which in 1879 threatened to destroy the whole American cattle trade; second, the study and control of Texas fever in cattle—a Southern cattle plague which was pushing West and North to menace the industry; third, the establishment of the Federal meat inspection service; fourth, the establishment of the inspection of exported animals, and



DR. ARTHUR M. FARRINGTON, '79.

the ships carrying them, thus doing away with the cruel treatment and suffering which had been a startling feature of the traffic, reducing the losses and preserving the trade; fifth, the preservation of the country from imported diseases by perfecting the system of inspecting and quarantining imported animals; sixth, the scientific investigation of animal diseases and their bearing upon public health questions.

Though Dr. Salmon's life, with singular devotion, has been spent in the origination and development of this system of sanitation; though he is responsible for the proper conduct of this branch of the government scientific work which employs thousands of men at a cost of millions of money; though his name is printed as the author of many laudable scientific papers appearing in the public documents of the Department of Agriculture or in the medical press, he has not forgotten his Alma Mater for he graciously served on the Board of Trustees of the University from 1888-1893, and again 1895-1896. The weight of his judgment, the weight of his influence, may well be sought for by the University. Perhaps no other of the early graduates, unless it be his classmate David Starr Jordan, has attained to equal honor.

#### Arthur Manly Farrington, '79.

If there are any men who can truly be said to have attained national importance in the profession of veterinary medicine, they must at least be those who have been found worthy to hold office as chiefs at Washington with supervision of the government's national veterinary work. Such a one is Dr. Arthur Manly Farrington, '79. It has been the good fortune of Dr. Law, in common with other leading spirits at Cornell to be called to give series of lectures at other institutions while, of course, he retained his chair at our University. In 1875-76, Dr. Law gave such a series of lectures at the Maine State College of Agriculture and Mechanic Arts, where, as was true of most colleges in that day, nothing of veterinary



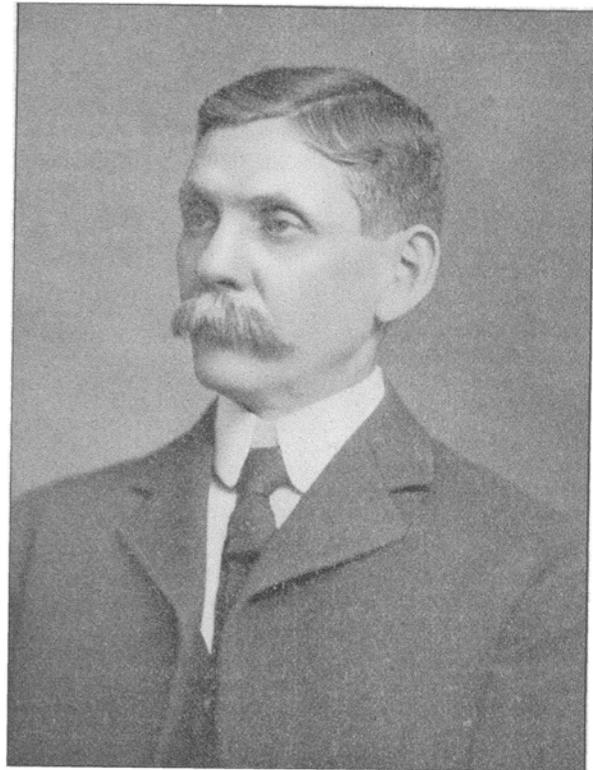
DR. LEONARD PEARSON, '88.

science was taught. As a direct result of those lectures Arthur Manly Farrington was attracted to Cornell. Following his graduation in Science at Maine State College Mr. Farrington came to Cornell for three years in Veterinary Science. He was graduated in 1879 with the degree B. V. S., and at a later day the University conferred on him the degree of Doctor of Veterinary Medicine.

Like Dr. Salmon, Dr. Farrington soon found his way into the Federal service. In 1879 he was with Drs. Law and Salmon on the New York State Veterinary Staff, organized to stamp out the terrible contagious pleuro-pneumonia among cattle. From that on, his rise was rapid. On September 8, 1881, he was appointed veterinary inspector for the U. S. cattle commission—then under the U. S. Treasury Department, as the matter of animal charge was not then in the hands of the Department of Agriculture. When the U. S. Department of Agriculture took charge of these matters in 1881 he was appointed U. S. inspector for the Port of New York and superintendent of the Federal quarantine in New Jersey. In 1887 he was made first assistant to Dr. Salmon, chief of the Bureau of Animal Industry; on August 17, 1893, chief of the division of field investigations and miscellaneous work; on January 1, 1899, he was promoted to the position he now holds,—chief of the inspection division, Bureau of Animal Industry, Department of Agriculture at Washington.

The United States government carries on an inspection, before and after death, of all animals entering the great packing centers, that all diseases transmissible to man may be as far as possible prevented and that wholesome meats may be assured. The work is carried on at many places in at least fifty of the large cities of the Union; hundreds of veterinarians are employed by the government under the Federal Civil Service in the work; over fifty-nine millions of animals yearly are inspected before death and thirty-seven millions a year after death; while the cost is three-fourths of a million dollars per annum.

It is of all this work that Dr. Farrington is director. The



DR. V. A. MOORE, '87.

chieftainship of such an important branch as that of the inspection division of the Department of Agriculture requires a man of capacity, of much professional knowledge and sagacity. That he was chosen a member years ago as chief in the administrative duties of this division and has now for six years been at the head of the work is most praiseworthy. The high value of the Federal inspection of animals for disease is in the guardianship of the public health. The supervision of this vast work, its extension by large appropriations from Congress in recent years to the limits of the country, the interpretation and execution of the Federal inspection law, which is mainly scientific in its contents, is all in Dr. Farrington's hands.

**Leonard Pearson, '88.**

When, in the winter of 1902-1903, all the people interested in agriculture in North America were agog and feared the infection of the whole of the cattle of the country with foot and mouth disease—one of the most destructive epizootics among animals which had just accidentally gotten into Boston from Europe and was spreading rapidly through the herds of New England—it so happened that the Federal government turned to the Cornell list for two experts, who were chosen by James Wilson, secretary of agriculture and the chief of the Bureau of Animal Industry to corroborate by investigation the judgment that this was indeed the European scourge. One of the experts was Dr. Law, director of the New York State Veterinary College; the other was Dr. Leonard Pearson, dean of the veterinary department of the University of Pennsylvania. The scourge, by the diagnosis of Doctors Law and Pearson, turned out to be foot and mouth disease. These experts were therefore retained for a number of weeks by the Federal authorities to give advice on means to stop the spread and to stamp out the disease. The infection was finally stamped out at a net cost for animals alone of \$128,908. The country was saved from this new infection.

This incident illustrates very well the standing of Dr. Pearson in his field of activity. He is in the forefront—a national figure in comparative medicine—by reason of the standing he has established for himself as counsel in the gravest questions of infections in their relation to animal health and the health of the people; by reason of his investigations of diseases which are known to be transmissible to man from the lower genera; by reason of his executive ability and his determination in effecting sanitary measures in his own State of Pennsylvania, which have turned the eyes of scientists everywhere to him as a model state veterinarian; by reason of his work as an educator and publicist.

After spending much of his time at Cornell in veterinary studies Leonard Pearson graduated at the the University, B. S. in Ag., 1888. In two years he was granted the degree Doctor of Veterinary Medicine by the University of Pennsylvania; then he spent a year in the famous bacteriological laboratory of Robert Koch in Berlin. Returning to America in 1891 he was appointed in rapid succession assistant professor of theory and practice of veterinary medicine in the University of Pennsylvania, full professor, dean of the veterinary faculty, state veterinarian of Pennsylvania, secretary, in charge of administration, of the state live stock sanitary board. Like Dr. Salmon, who is one of the leading counsellors of the American Public Health association, Dr. Pearson has recently been made a member of the Board of Health of Philadelphia. In short he is noted as a sanitarian in a city famous at once for physicians and medical schools. In his own city, in his state, in the nation Dr. Pearson is a commanding figure in his science.

Though all that he has done excites genuine admiration, perhaps his most abiding work is that which he has done, and is doing, as an investigator and educator. Experiments he has conducted for something like ten years in the laboratories of the University of Pennsylvania and that of the Pennsylvania state live stock sanitary board, as is evidenced in data published in important monographs printed by that state, seem to point to the possibility of vaccinating cattle against tuberculosis (consumption), a disease which carries off, or at least infects, more animals than it does human beings.

As in athletics and debate the University of Pennsylvania and Cornell University are friendly rivals, each in a friendly manner stoutly endeavoring to maintain a superiority over the other, so the two veterinary schools at Cornell and Pennsylvania are rivals. With the recent acquisition of land and an endowment of something like \$160,000, and Dr. Pearson's directorship of its policies, it looks as if the veterinary department of the University of Pennsylvania would, as Dr. Pearson is a Cornell man, be a Cornell spur to Cornell.

#### Veranus Alva Moore, '87.

In Veranus Alva Moore we have a representative Cornell man who has achieved national distinction in science (for which this University is above all things noted); who has held one of the highest scientific offices in the gift of the American government as a result of his distinction in his sciences, comparative pathology and bacteriology; who has been called back to the University to teach, with the burning enthusiasm of a zealot, rising scientists; who has continued to investigate with uncommon ardor, to write scores of articles upon his investigations, to write clear and impressive books, to exercise a curious ingenuity in the invention of laboratory apparatus and appurtenances which have utility and helpfulness in his investigations and those of the students who are attracted to him; who has been asked to return to the headship of the government investigations which he left to go to Cornell, again, to take charge of the government investigations in the Philippine Islands; nevertheless who remains at Cornell unceasingly working, investigating and extending his influence. Here, if anywhere, we have a representative Cornell scientist.

Professor Moore graduated B. S. at the University in 1887, then proceeded to Washington where he received the degree M. D. at Columbian University Medical school in 1890. At Washington he was assistant pathologist for several years conducting investigations on infectious diseases among animals at the government laboratory of the Bureau of Animal Industry. In this capacity he travelled extensively for the government in the Middle West, collecting material and data on contagions which were causing great losses of property.

His researches in company with the chief of the pathological division of the Bureau of Animal Industry at Washington, also a Cornell man, resulted in the publication by the bureau of several monographs on infectious diseases among swine which marked him as an observer of uncommon acuteness, as a collector of facts for whom no trouble was too great to diminish his energies, as a bacteriological expert, as an undoubted authority on the pathology of infectious diseases. Between 1895-1896 he was chief of the pathological division, Bureau of Animal Industry, Washington, in which capacity he had charge of the government investigations of diseases among animals in every part of the country where there was an outbreak or where contagion existed.

With the opening of the New York State Veterinary College he returned to Cornell in 1896, there to remain. Though he has since been recalled to Washington to take charge of the government laboratories, he has not returned; though the Federal government attempted to persuade him to take charge of its investigations in the Philippines, he did not go. The University may well be proud of this valued son. Long may he remain there, to stimulate the energies of young students, to give tone to research. He is the kind of man who makes men by virtue of his inspiration to more endeavor, to quicker observation, to larger aims. Already his students are in positions of trust in state universities, in investigations for the states, for our insular possessions, for the Federal government. His enkindling personality, in George Eliot's noble words, "urges man's search to vaster issues."

#### The Veterinary College.

The achievements of the four graduates, the careers of which are here outlined, but illustrate the value of this field of labor, whether comparative medicine, or any branch of it, be pursued for its intrinsic merit as an arena for scientific endeavor, or whether the aim is to apply its scientific truths for the interests of humanity. The New York State Veterinary College, of which Dr. Law is director, and in which Dr. Moore is a Professor, is just closing the tenth year of its history. Not one of these four graduates took a degree at this college: for all passed from Cornell many years before it was founded. Yet their careers point to the largeness of the work and the achievements possible.

Dr. Law has written: "The New State Veterinary College was founded to raise the standard of veterinary instruction and investigation to the level of the most recent advances in biology and medicine." If the history of the college for the last ten years were written it would be found that its graduates have that fixed standard of excellence in sciences which the University has always set; that their ideals are as high, their hopes of achievement in comparative medicine just as great as those who, going before them, ultimately attained to national distinction.

Time was when men gave a restricted and stunted meaning to the word science, before bacteriology was known, before the immediate causes of infection were understood: then men did not for a moment think of the relation of animal disease to human disease. With the birth of the science of bacteriology came the revelation of the value of the study of the veterinary sciences. The dignity of the study and its service to humanity are already witnessed in the careers of graduates of the University who have achieved national distinction in its study or in the application of its truths.

## A Brilliant Junior Week.

**Ice Carnival is the Distinctive Feature--  
Gaieties Culminate in the Ever  
Glorious Prom.**

Junior week is over. The delegation of Junior girls, accompanied by chaperons and wagon-loads of impedimenta, have taken their departure. The University community has settled down once more to the humdrum of recitations and boiler tests and laboratory experiments. Several hundred students are anxiously inquiring of their neighbors in the classrooms what lessons were assigned last week and what the lecturer said on this or that day. Now and then, as a fellow tries to study in his room in the fraternity house, he finds his mind distracted by thoughts of the fair Presence, in whose favor he abdicated from the room last week, and whose brief tarrying there has lent a new sanctity to the familiar objects. The chairman of the Junior prom. committee advertises in the Sun that he has in his possession an assortment of cloaks and sundry feminine articles found in the Armory after the prom.

Beyond these stray suggestions there is little to remind the casual observer that a week of merry festivity, in many respects the grandest in the history of the University, has come and gone but a few days since.

The week was a brilliant success in every way. The several committees of arrangement strained every nerve to eclipse anything that had been done in the past, and most of them succeeded. The attendance at the various events was so large as to strain the accommodations of theatre and ballroom; the preparations for entertaining the guests were more elaborate and costly than ever, and it is safe to say that no previous season's bevy of fair visitors enjoyed themselves any more than those who graced the halls and academic walks last week.

### THE ICE CARNIVAL.

One feature which marked this season as a notable advance in the development of the Junior week festivities was the ice carnival. This was a decided innovation, which now bids fair to take its permanent place among Cornell traditions. Incidentally it meant the lengthening of the festive period from four to five days, as heretofore this has never begun till Tuesday, the preceding day

being reserved for the reception of the guests and the final arrangements for their pleasure.

But this year the festivities started off with a rush on Monday evening with an event which proved one of the most enjoyable among the varied functions of the week. The night was ideal for the frolic: the air was crisp and bracing without the biting cold that had characterized the previous week; the ice was firm and smooth; the shores of Beebe lake were covered with a mantle of snow, and a few light flakes sifting down upon the merry-makers added the final touch to the wintry scene.

The scene of the carnival was a large enclosure in the middle of the sheet of ice that covered Beebe lake. The enclosure was prettily decorated with bunting and innumerable incandescent globes encased in Japanese lanterns. The Ithaca band, ensconced in an alcove at one end of the rink, sent forth inspiring strains that made the skaters glide even more lightly than usual over the polished surface. Refreshment booths on either side of the enclosure dispensed quantities of good things throughout the evening.

Scores of the men appeared in masquerade attire, the costumes ranging from graceful feminine robes to the grotesque garb of Turks and Indians and cowboys. Many toboggans had been tastefully trimmed with bunting and miniature incandescent bulbs, and the grand march which opened the carnival was a scene of unique beauty. The guests were diverted by stunt races, in which the men masquerading in female attire figured prominently. As they tried to round the corners at either end of the rink their skirts flapped around their legs and many a bump was heard as the skaters became hopelessly entangled and suddenly sat down to straighten things out.

Meanwhile the carnival was in full sway on the toboggan slide as well. The big frame was decorated with festoons of electric lights draped in graceful lines from top to bottom. At the peak was a brilliant searchlight which shed upon the enclosure below almost the light of noonday. Down the steep slide in never-ending succession shot the toboggans, now swallowed up in the darkness, now gleaming forth for a moment as they passed beneath the colored lights which lined the course from the foot of the

slide to the distant eastern shore of the lake.

Here and there on the ice and on the high south bank blazed huge bonfires, diffusing light and warmth for the frolickers.

All in all, the carnival was a delightful innovation, standing apart from the ordinary social round and lending zest and interest to the program of the week. The general impression is strong that the carnival will receive a permanent place in the Junior week schedule and will be added to the scanty list of distinctive college customs that have sprung up at Cornell.

### THE MASQUE AND CONCERT.

The remainder of the week flew by as one pleasure followed another in bewildering succession. The Masque, in producing its first comic opera, scored a decided triumph. Its plot, laid "Anno 1992," was simple but cleverly devised, and kept the big audience in good humor throughout. Numerous monarchs from the Old World, rich in love, but poor in pocket, journey to the court of Uriah Smith, which, being interpreted, is Uncle Sam, to sue for the hand of his fair daughter, Columbia. But John William Jones, a poor clerk, wins the damsel's affections, and, despite intrigue and international alliance, carries her off to become his bride.

Among the particular stars of a uniformly strong cast may be mentioned W. Lytton, '08, as Uriah Smith; W. W. Roney, '05, as John William Jones; F. G. Seitz, '05, as the Emperor of Germany; H. P. Henry, '05, as Neddy the Ninth of England, and especially E. Stehli, '06, as Columbia, a perfect lady with all the graces of bearing and carriage.

The Musical clubs' concert was an equal success. As at the Masque performance, the playhouse was packed from pit to dome, the audience itself forming a picture of wonderful beauty and dazzling color. The program was practically the same as had been rendered on the Southern trip, and the long and faithful training for that tour was apparent in tone and volume and finished technique. The soloists were Messrs. Rose, Holmes, Steele, Rodgers and Wilder, the last named especially receiving enthusiastic applause from the audience.

### THE COTILLION.

The big events in the series of festivities  
(Continued on page 307.)

## CORNELL ALUMNI NEWS.

SUBSCRIPTION, — \$2.00 PER YEAR.

Single copies, ten cents each. Foreign postage, 40 cents per year. Subscriptions payable in advance.

Should a subscriber desire to discontinue his subscription, notice to that effect should be sent before its expiration. Otherwise it is assumed that a continuance of the subscription is desired.

Checks, drafts and orders should be made payable to the Cornell Alumni News.

All correspondence should be addressed—  
Cornell Alumni News,  
Ithaca, N. Y.

Office: 111 N. Tioga St.

## ADVISORY BOARD.

JOHN D. WARNER, '72.....New York  
CHARLES S. FRANCIS, '77.....Troy  
JOHN C. BRANNER, '82.....Palo Alto, Cal  
CHARLES H. HULL, '86.....Ithaca  
FREDERICK V. COVILLE, '87.....Washington  
GEORGE J. TANSEY, '88.....St. Louis  
HARRY L. TAYLOR, '88.....Buffalo  
PERCY HAGERMAN, '90.....Colorado Springs  
DAVID F. HOY, '91.....Ithaca  
LOUIE E. WARE, '92.....Worcester, Mass.  
HERBERT E. LEE, '99.....Buffalo

## EDITOR.

HARLAND B. TIBBETTS, '04.

## ASSOCIATE EDITOR.

HERBERT C. BROWN, '05.

## BUSINESS MANAGER.

JOHN L. SENIOR, '01.

Entered as second class matter at Ithaca P. O.

Ithaca, N. Y., FEBRUARY 15, 1905.

## THE CORNELL-PENN GAME.

The announcement made in another column of this issue that the Pennsylvania game has been scheduled as usual for next Thanksgiving day is particularly gratifying in view of the vast amount of newspaper talk that was wasted last fall upon the alleged break in the relations between the two universities. The fact that the game was practically arranged in November while the Cornell team and management were in Philadelphia shows how much basis there has been for the newspaper talk since that time.

Last November, when the air was filled with the wildest rumors as to the Cornell-Penn relations, the ALUMNI NEWS was strongly urged by many Cornell graduates to take a definite stand upon the question, either denying the reports altogether or else if they were authentic, explaining Cornell's attitude in the matter. This course we persistently declined to adopt, because the whole alleged controversy was started and sustained by certain daily newspapers, and there had been absolutely nothing in the official correspondence

between the two universities to warrant the reports.

If we had recognized the authoritativeness of these rumors even to the extent of replying to them, they would have risen at once from their standing as mere newspaper talk to a semi-official basis. Under the circumstances, such action on the part of the NEWS would have tended to increase the delicacy of the general situation.

The continued comment that has appeared in certain papers since the game was hardly calculated to disturb either university in view of the understanding at which the two managements had arrived in November. Until the schedule was formally ratified, however, by Penn's advisory committee, no public statement could be made by the Cornell authorities.

The ALUMNI NEWS is glad to welcome the formal announcement regarding the game as the termination of an incident which might have had possibilities of harm to the pleasant relations between Pennsylvania and Cornell.

## OUR VETERINARY COLLEGE.

Possibly those of our readers who are accustomed to overlook the "Vet." College in estimating the work that is being done and the men that are being trained by Cornell University will find some food for thought in the article contributed by Dr. D. Arthur Hughes to this number of the ALUMNI NEWS. The writer has himself received three degrees from the University—that of Master of Letters in '95, Doctor of Philosophy in '98 and Doctor of Veterinary Medicine in '03. He was awarded in 1903 one of the Horace K. White prizes in veterinary science.

Dr. Hughes tells us of four men who have achieved national distinction in the field of comparative medicine. They are none of them graduates of the present Veterinary College, because it was not yet founded in their time, but they studied the course of which its work is the continuation and they studied under the man who is now its able director, Dr. James Law. Today these four men stand in the very front rank of their profession in America.

This week the faculty and students of the college are to hold their annual banquet and ex-President White will address them, as a testimony of his in-

terest in their progress and achievements. The NEWS is happy to offer its compliments to the "Vets." and to express its confident belief that the college will turn out scores of graduates whose careers shall rival in usefulness and fame those described in our pages this week.

## Cornell Notices.

1901.

The members of the class of 1901 are requested to send their permanent address, their present or temporary address and any information of interest concerning themselves or others to the class secretary,

HEATLEY GREEN,  
42 Woodward avenue Terrace,  
Detroit, Mich.

## The New York Dinner.

The announcement of the elaborate plans for the annual Cornell dinner in New York, as made in these columns last week, has created widespread interest in the event. Alumni living outside the sphere of influence of the New York Cornell club have expressed their satisfaction at the enterprise shown by the dinner committee in arranging the program. Alumni residing in and about New York are enthusiastic over the affair.

The preparations have now reached the final stage and indications point more and more to a rousing welcome to Cornell's distinguished and popular first president at the Waldorf on Saturday evening, February 25, at 7 o'clock.

## Reunion Secretaries.

'70—The Hon. S. D. Halliday, Ithaca.  
'75—Professor E. L. Nichols, Ithaca.  
'80—Professor W. A. Finch, Ithaca.  
'85—E. H. Bostwick, Ithaca; Mrs. A. B. Comstock, Ithaca.  
'90—Charles J. Miller, Newfane, N. Y.  
'95—W. F. Atkinson, 26 Court street, Brooklyn, N. Y.  
'00—James H. Gould, 54 Wall street, New York city.  
'02—W. J. Norton, 405 Courtland street, Baltimore, Md.

**Cornell-Penn Game Scheduled.**

Manager Edward W. Champion of the Cornell football team announces that the annual Cornell-Penn game will be played as usual on Franklin Field next Thanksgiving day. The game is included in the official schedule recently issued by the Pennsylvania football management.

The Cornell-Penn game was tentatively arranged between the two managements last November, and required only the formal ratification of Penn's faculty athletic committee.

**Veterinary Banquet.**

The second annual banquet of the New York State Veterinary College will be held on Thursday, February 16 at the Ithaca hotel. Professor P. A. Fish, '90, will act as toastmaster and the toast list will include the following speakers: the Hon. Andrew D. White, Dr. David S. White, dean of the Ohio State Veterinary College, and Professor D. Hammond Udall, '01, professor of surgery at the same institution. A number of prominent out of town alumni have accepted invitations and consented to speak.

**Cornell Men in Detroit.**

A movement is on foot for an informal gathering of the Cornell men in Detroit in the near future. J. G. Utz, M. E. '02, and W. A. Fredericks, M. E. '03, are in the experimental department of the Oldsmobile company. S. Ward Haas, C. E. '01, is with the Canadian Bridge company and lives at 54 Victoria road, Walkerville, Canada. Heatley Green, M. E. '01, is also in Detroit, being located at 42 Woodward avenue Terrace.

The following Cornell men are at present located in the Great Lakes Survey offices at Detroit: W. J. Graves, C. E. '99, D. M. Rounds, C. E. '03, C. L. Walker, C. E. '04, and N. J. Bell, C. E. '04.

**Rochester Banquet.**

An invitation has been sent to Coach Charles E. Courtney by the Cornell Alumni association of Rochester to attend its annual banquet which will be held late in February, probably Saturday, February 25. Dean T. F. Crane of the faculty has accepted an invitation to attend and it is expected that many well known graduates will be present. Professor Fairchilds of Rochester University is chairman of the banquet committee.

**FOWNES GLOVES**

Are "a good thing to have on hand" and all good dealers have them on hand. . . .

**SEAOARD**

AIR LINE RAILWAY.  
Shortest and most attractive route to

**Southern Pines, Pinehurst and Camden**  
and

**ALL WINTER RESORTS**  
in the **CAROLINAS** and **FLORIDA.**

Descriptive booklets and full information as to tourist rates, hotels, etc. can be had by addressing

W. E. CONKLYN,  
1183 BROADWAY, NEW YORK CITY.

**THE NORMANDIE**

**Hotel and Apartment House**

CHESTNUT AND 36th STREETS,

MR. and MRS. A. D. BRAMHALL, Managers.

PHILADELPHIA, PA.

**H. J. BOOL & CO.**

DESIGNERS AND MAKERS  
Of Special Furniture for Dens, Libraries and Students' Apartments.

Opp. Tompkins Co. Bank, Ithaca, N. Y.

BUY OF THE MAKER.

**ITHACA SAVINGS BANK.**

(INCORPORATED 1868.)

ITHACA, N. Y.

**THE CLINTON HOUSE.**

COR. CAYUGA and SENECA STS.,  
ITHACA, N. Y.  
A hotel at popular prices conducted on a plan to merit the patronage of the best class of people. Rates \$2.00 and \$2.50 per day. Free Bus to and from all trains.  
GRANT McDONALD, Proprietor.

**Well Lathered**  
is half shaved. No man can be well lathered without the rich, thick lather of

**WILLIAMS' SHAVING STICK**

**ROBERT H. HAZELTINE,**  
CORNELL '99.

Write him about **INSURANCE**  
Whether you're insured or not.

ROOM 3 SAVINGS BANK BLDG., Ithaca, N. Y

**The Tompkins Co. National Bank**

BEGAN BUSINESS  
IN 1836.

Capital \$100,000.  
Surplus and Profits \$125,000.

**THE FOOT BALL GIRL.**

An original Cornell Poster hand painted in water colors. Size 9x22 inches, price \$3.00 post paid and well worth the money.

It would look well in your den.

**The Corner Bookstores.**

TAYLOR & CARPENTER,  
ITHACA, N. Y.

**STUDENTS SHOULD GO TO KELLY'S**

for Students' Supplies, Furnishing Goods, Shoes, Caps, Hats, Neckwear, Spalding Sporting Goods of every description, Football and Baseball Supplies. **Outfitter for Football Team.**

## Brief University News.

Crew practice was actively continued during Junior week and the hard working oarsmen trained consistently. The regular spring training began this week and as soon as the weather will permit Mr. Courtney will take his men to the water.

Ralph W. Rose, formerly of the University of Michigan who holds the world's record in the shot-put was in the city for several days last week endeavoring to enter the Law school. He was unable to make satisfactory arrangements however and said that he would return to the University in the fall. Mr. Rose intends to enter then in mechanical engineering but will not be eligible in athletics for a year.

Colonel Walter S. Schuyler, formerly military commandant at the University, who spent last year with the Russian Army near Mukden was detailed to report specially upon the cavalry organization and manœuvres. He has been attached to the general staff in Washington. He lunched with President Roosevelt last week and lectured before the members of the general staff upon his experiences in a number of battles. He also lectured before a section of the American Geological society.

As a result of the discarding of the steam auxiliary plant of Sibley College in order to substitute electrical power from the new gorge station it has been necessary to install motor drives for the machinery in the machine, blacksmith, wood shops and foundry as well as in the testing laboratory. Three phase induction motors of the most modern type have been secured and are now being installed under the direction of Mr. Hayes, superintendent of electric service and Professor Dexter S. Kimball, head of the department of mechanic arts.

Instructor E. P. Andrews, '95, of the department of archæology has completed an ingenious arrangement patterned after the machinery used to ring the University chimes. To each of a system of levers is attached a hammer which, as the lever is depressed, strikes a small metal cylinder giving the proper note. It is on this mechanism that the competitors for master of the chimes are

practising. When reasonably proficient the competitors are allowed to take their turn at playing the chimes in the morning.

At a meeting of the executive committee of the trustees held recently Instructor A. G. Howe of the department of machine design was relieved in order that he might accept a position in the New York Manual Training school. John T. Williams of Schenectady, formerly in the drafting department of the General Electric company was appointed to fill the vacancy caused by the resignation of Mr. Howe. He is well qualified for the work of which he is to have charge.

The Southern trip schedule and the regular schedule of the Varsity baseball team have been completed by Manager Murphy and will be announced as soon as ratified by the Athletic Council. One game on the regular schedule may be changed in case Vermont is unable to come to Ithaca. The last game of the year will be played with Oberlin instead of Manhattan. The schedule for the Southern trip has been altered somewhat. As announced the team will go directly to Nashville and play all games in that locality. The game with the Nashville University team has been cancelled and the Nashville Southern league team substituted.

## Michigan Central

*The Niagara Falls Route.*

**The Short and Direct Line to Detroit, Michigan Points, Chicago and the West.**

The Students' Favorite Route.  
For rates and information inquire of local agents or write

O. W. RUGGLES, G. P. & T. Agt. Chicago.	W. H. UNDERWOOD, G. E. P. Agt. 486 Ellicott Square, Buffalo.
---	---

## CORNELL STEINS AND PLATES

With Views of Cornell Buildings in color designs. Just the decorations for Home use

**Of The Cornell Man.**

Illustrated Booklet Mailed Free.  
Address

## ROTHSCHILD BROS.

**Dept. G, Ithaca, N. Y.**

*Van Buren*

ITHACA, N. Y.

**PHOTOGRAPHER and STOCK DEALER.**  
Kodaks and Cameras for sale or rent. Mail a film, mention this ad and get it developed for ½ price returned to you next day.

## A Procrastinator

is a man who wont make the effort to obtain when it's sure to do him good and wont cost him anything.

Just write in for catalogue of Snappy Shoes.

**Everything from Patent Oxfords to Auto Boots.**

**WALL & SON, ITHACA, N. Y.**

## THE TOGGERY SHOPS.

**DOWN TOWN  
138 E. STATE ST.**

**ON THE HILL  
404 EDDY.**

If we should publish the names of Old Cornell Men that write us for goods, we would have to buy a whole sheet to enumerate them. Are you on the list? If not, WHY NOT? We forward anything, express paid one way, from a collar button to a raincoat on approval for your selection. Greatest stock ever this season. Negligee shirts, fancy hose, pajamas, gloves, sweaters, cravats, hats, etc. Sole agent for the only Linen Underwear guaranteed to wear, The Belfast. Let us hear from you.

**L. C. BEMENT.**  
Successor to Henry H. Angell.

**Brilliant Junior Week.**

(Continued from Page 303.)

ties, the cotillion and prom., were both triumphs for the committees which arranged them. For the cotillion the Armory was beautifully decorated in red and white; bands of narrow red ribbon formed rosettes at the back of the boxes, and long lines of poppies were draped in graceful curves from ceiling to walls.

The cotillion figures, led by W. J. Crawford, were clever in design and strikingly effective. In one figure small mechanical toys, wound up by the dancers, went scooting about the floor and their gyrations convulsed everybody. In another, toy balloons were released and floated lightly over the heads of the crowd. In another, perhaps the most effective of the evening, the men held long-stemmed roses in canopy form over the heads of the ladies, who marched gaily beneath in column of fours. The concluding figure was decidedly unique. The ladies donned caps and aprons, and the men provided themselves with small pocket lanterns. When the music ceased the hall was darkened and the men, seeking and finding their partners with the aid of the flickering light of the miniature lamps.

THE JUNIOR PROM.

The week was closed as usual by the Junior promenade, which was a fitting climax to the round of giety. Each year the prom. committee advances a little further in perfecting the arrangements for the comfort and pleasure of its guests, and this season was no exception. The decorations were probably the most beautiful that ever adorned the ugly old Armory walls. A lighting effect of entrancing beauty was produced by means of a multitude of little frosted globes in artistic festoons, encircling the entire ballroom at the ceiling and again behind the boxes. These lamps were constantly varied in intensity, the soft light lending a delicate air of romance to the scene. The decorations and lighting alone cost the committee over a thousand dollars.

Chairman Caldwell Martin of the prom. committee reports that the gross receipts were approximately \$3,500, and the expenses about \$3,000, so that a neat surplus of some \$500 will be turned over to the Junior class to be applied on the class debt. These figures show the scale

on which Cornell undergraduates entertain their Junior guests in the year of grace 1905.

The usual series of receptions were held at the various fraternity lodges during the week. Tuesday night, following the Masque play, Phi Delta Theta, Phi Kappa Psi, Alpha Tau Omega and Phi Sigma Kappa entertained; on Wednesday and Thursday afternoons Psi Upsilon gave its annual theatricals; Thursday afternoon receptions were held by Delta Phi and Delta Tau Delta, and Thursday evening, after the concert, by Alpha Delta Phi, Delta Kappa Epsilon and Beta Theta Pi.

**The Class of '73.**

The following poem was read at the thirtieth anniversary of the class of '73. It is from the pen of Charles F. Allen, poet of the class, who was unable to attend the reunion but sent this greeting to his classmates:

I sang of old, one summer time,  
A song of '73;  
Of hope, and strength, and things sublime

In all the years to be;  
As if in some forgotten land  
I wrote upon the shifting sand.  
I still may hear the rivulet  
By Cascadilla's brink,  
And see the wild azaleas set  
In misty cloud of pink;  
And there is still my ancient shrine  
Of fern and scarlet columbine.  
The thrushes chant as tenderly  
The ritual of the moon,  
And lilies, lifting slenderly,  
Our ancient paths adorn;  
And Nature's smile is sweet to me—  
But oh! the boys of '73!  
They hear the far Pacific roll,  
They tread Sahara's sand,  
And some are as a wandering soul  
Across a darkened land;  
And none shall ever see them all  
Till Gabriel sounds the great recall.  
I cannot be with you tonight,  
But when your glasses ring,  
Remember me beyond the lights  
Whose songs you used to sing,  
And raise the roof with three times three  
For Prexy White and '73!

142  
East  
State  
Street.

*Bernstein*

Cornell  
Tailor  
and  
Haberdasher

**Superior Banking Facilities  
and Courteous Attention at the  
Ithaca Trust Company.**

**The Mercersburg Academy**

Prepares for all Colleges and Universities.  
Aims at thorough Scholarship,  
broad attainments and Christian  
manliness. Address  
WM. MANN IRVINE, Ph.D., President,  
MERCERSBURG, PA.

**JAS. H. OLIPHANT & CO.**

Members N. Y. Stock Exchange.  
20 BROAD ST., NEW YORK.  
INVESTMENT SECURITIES.

**Ithaca Hotel.**

AMERICAN AND EUROPEAN PLAN.

Alumni when returning to Ithaca for athletic games, boat races or Commencement week, should reserve accommodations in advance.

MUSIC IN THE

**Dutch Kitchen**

EVERY EVENING.

J. A. & J. H. CAUSER, Proprietors.

## Cornell Alumni Notes.

'79, B. S.—Science for February 3 contains an article on "Halstead's Rational Geometry," by Professor Arthur S. Hathaway, '79, who was formerly a member of the University faculty.

'80, B. S.—Professor Frank Irvine of the College of Law completed last week a treatise on Equity for the *Cyclopedia of Law and Procedure*. The article is an exhaustive survey of this important subject and has occupied Judge Irvine's leisure time for two years and a half. It will fill some five hundred pages in the *cyclopedia*, the equivalent of two or three volumes of the size of an ordinary law book. The topic of equity law and practice is one of the most important in the entire work, and the selection of Judge Irvine for its treatment is considered a tribute to his experience as a jurist and his thorough knowledge of legal principles. Several other members of the law faculty expect to contribute articles to the *cyclopedia* during the three or four years that will elapse before its completion.

'90, B. L.—J. Du Pratt White is engaged in the practice of law, being senior member of White & Case, practicing attorneys, 31 Nassau street. He is secretary of the Interstate Palisades Park commission, and is now occupying his beautiful new residence at Nyack, N. Y.

'91, B. S.—Louis Rouillion, adjunct professor of manual training in the Teachers' college, Columbia University, and director of night schools of the Mechanics' Institute, in New York city, has been granted a leave of absence in order to permit him to accept the appointment of chief inspector of technical education for Ireland.

'93, M. E. (E. E.)—George A. Wardlaw is located at 95 Liberty street, New York city, where he is engaged in editorial work.

'93, B. Arch.—Waldo Stewart Kellogg is general superintendent and supervising architect of all the Carnegie libraries now in the course of construction in Greater New York.

'93, M. E. (E. E.)—E. R. Hill, who is connected with the British Westinghouse company in London, has been called to America on account of the death of his mother.

'94, B. S. in Arch.—W. Herbert Dole announces a change of address from 51 Exchange place to the Royal building, Fulton and William streets, New York city.

'95, LL. B.—Fred R. White announces a change of address from the American Trust building to 501 Citizens' building, Cleveland, O.

'95, Ph. B.—William R. Eastman is lieutenant and assistant surgeon in the United States army, and is stationed in the Philippines. He married Miss Lottie Patten, daughter of an army officer, in San Francisco in the fall. Mr. and

Mrs. Eastman expect to return to America in May or June of this year.

'95, M. E.—J. R. Woodbridge has been manager of the Taylor & Brinton Ore company of Butte, Mont., since last October.

'96, C. E.—H. K. Runnette is a designer in steel construction in the contracting offices of the American Bridge company of New York at Denver.

'96, Ph. B.; '00, Ph. D.—C. H. Rammelkamp, now professor of history at Illinois college, is to have charge of the work in American history at the State University of Illinois next summer.

'96, M. E. (E. E.)—Professor Henry H. Norris of the department of electrical engineering, who was granted a leave of absence by the Board of Trustees to engage in commercial work, has been recalled to the University on account of the resignations of Professor H. J. Ryan and Instructor McAllister. During the past summer Professor Norris was superintendent of tests for the Electric Railway Test commission at the St. Louis exposition. Since that time he has continued the work at Anderson, Ind., on the lines of the Indiana Union Traction company. His experiments have dealt principally with the air resistance on car bodies. In order to make more accurate observations he had a special dynamometer car constructed called the "Louisiana," and with it, for the first time, air pressure and resistance will be measured mechanically on a commercial scale. A speed of sixty miles is attained regularly in the work.

'97, A. B.—Charles W. D. Parsons is an instructor in the High school at Evanston, Ill. He is addressed at 809 Foster street, Evanston, Ill.

A. B., '97—George O. Schryver is spending a year in Germany studying the German language and literature. The

first half of the year he has passed at Heidelberg and will probably spend the remainder in Berlin.

'97, B. S. A.—A. Phelps Wyman is reported as having opened a landscape studio in Chicago.

'97, M. E. (E. E.)—H. E. Molé has returned to his home in England after spending two months in America inspecting various large engineering properties.

Ex-'98—H. A. Lyon has composed a catchy new march and two-step, "Cornell University," which was played at the Junior promenade on Friday night of last week. He is the composer of several other Cornell musical selections which have won considerable favor in the University community.

'99, B. S.; '00, A. M.—Charles C. Whinery, formerly of the London office of the *London Times*, is now in the American office of this paper at 225 Fourth avenue, New York city. His home address is 45 Glenwood avenue, East Orange, N. J.

'99, B. S.—Ernest A. Miller, an instructor in mathematics in the Massachusetts Institute of Technology, who received from the institute a traveling fellowship last June, and is spending the year at the University of Göttingen in study for the degree of Ph. D., has had his fellowship and leave of absence renewed for the year 1905-6.

'00, Ph. B.—Carl D. Fisher is secretary of the Chamber of Commerce at Grand Junction, Col.

'01, A. B.—David Paine is a practicing attorney, located at 31 Nassau street, New York city.

'02, LL. B.—Dudley K. Wilcox is an attorney and counselor at law at 109-110 Metcalf building, Auburn. He married Miss Louise Blanche Little at Burling-

## MERCHANT TAILORING

is today a science. Ask the careful exclusive dressers. They all wear out creations and will tell you that the place to obtain the newest imported fabrics cut in the latest fashions and at reasonable prices is at

## SISSON'S,

156 East State St.,

Ithaca, N. Y.

## NEWMAN,

11 JOHN STREET, NEW YORK.

### Official Fraternity Jeweler.

MANUFACTURER

High Grade Fraternity Badges, College Seals,

Fraternity and College Jewelry and Specialties.

## C. H. HOWES,

Photographer.

ITHACA, NEW YORK.

## FREDERICK ROBINSON,

Photographer.

FOR SENIOR CLASS 1904-5.

205 N. AURORA ST., ITHACA, N. Y.

ton, Ia., September 28, 1904, and now resides at 10 Elizabeth street, Auburn.

'02, C. E.—Aaron Silverman is with the division engineer of the Baltimore and Ohio railroad at the B. and O. station in Cleveland.

'03, C. E.—Kenneth B. Turner is located at 301 Armory place, Sault Ste. Marie, Mich., to which he has recently changed his address from Scriba, Oswego county, N. Y. He is connected with the United States lake surveys.

'03, M. E.—H. P. Moran is the guest of Mr. and Mrs. A. G. Holland of this city at their home in Willow avenue. Mr. Moran, who has been employed for some time in Chicago, is on his way to New York city, where he will visit for a short time at his home. He will

then assume his duties at Fort Wayne, Indiana.

'03, E. E.—C. L. Gillespie is now with the American Bridge company at Ambridge, Pa., in the electrical engineering department. His residence is at 228 Walnut street, Sewickley, Pa.

'03, A. B.—The marriage of Miss Ethel Hepburn Pollock, daughter of James Crawford Pollock to Porter Raymond Lee, '03, was celebrated recently in Buffalo. The ceremony was performed by the Rev. Samuel Van Vranken Holmes of Westminster church in the presence of kinsfolk and near friends. After a short wedding journey Mr. and Mrs. Lee will be at home at the Buckingham.

'03, M. D.—J. K. Quigley is a physician at the city hospital at Rochester.

'04, A. B.—Miss Emma Granman is teaching in Louisville, Ky. Her address is at 310 West Hill street, Louisville.

'04, C. E.—Haines Gridley has been appointed chief engineer for the Ophir Hill Consolidated Mining company, Ophir, Utah.

Ex-'04—R. A. Griesser, who left the University in 1901, is now a theological student in Syracuse university.

'04, LL. B.—J. C. Grier is an assistant attorney for the New York City Railway company, and is addressed at 17 Monroe place, Brooklyn, N. Y.

'04, A. B.—Science for January 27 contains an account of the report which A. H. Wright gave to the University on January 17 concerning his collections and observations as to fish fauna in Monroe county during the past two summers.

'04, M. E.—The engagement of Miss Wenona A. Fessenden, A. B., '03, to Duncan G. Stanbrough, '04, has been announced. Miss Fessenden is now teaching in the Oneida High school. Mr. Stanbrough is engaged as assistant to the electrical engineer of the Holland Submarine Torpedo Boat company.

'04, C. E.—G. W. Ellis is located at 24 Young street, Tonawanda, N. Y., New York state Barge Canal Residency, No. 12.

'04, M. E.—F. N. Bard is connected with the Platt Iron Works company in Dayton, Ohio. He is addressed at 225 North Jefferson street, Dayton, Ohio.

Ex-'04.—"Hughie" Jennings, for three years coach of the Cornell Varsity baseball team, has been admitted to the Baltimore bar. He will practice law in that city during the winter months and will spend the summer managing the Baltimore baseball team.

'04, M. E.—H. S. Brown is engineer with the Power Specialty company in Boston. He is at 427 Marlboro street, Boston, Mass.

Ex-'04.—John Beckwith is now in Albion in the produce and cold storage business with D. S. Beckwith.

'04, LL. B.—Howard C. Lake is an

assistant attorney in the trial department of the New York City Railway company at 2101 Park Row building. This company operates the surface lines of the metropolis. Mr. Lake is living with E. H. Webb, '04, at "The Tilsen."

Ex-'04—A. B. Clark, who left the University in 1903 on account of the fever epidemic, is now with the Home Life Insurance company at 314 Home Insurance building, Chicago, Ill. He is also president of the Jones company, Limited, of New York city.

'04, E. E.—J. A. Cleveland is with the Rochester Railway and Light company as engineer and is located at 29 Richard street, Rochester.

'04, C. E.—G. W. Ellis is in the division engineer's office in the Weigh Lock building in Syracuse, N. Y., as civil engineer.

**YOUR INVENTION**

MAY BE WORTHY OF A

**PATENT**

INQUIRE OF

**DELBERT H. DECKER, Ph. B., LL. B.,**

'84.

Loan and Trust Bldg., WASHINGTON, D. C.



**COLLEGE SHIRTS.**

Write for samples and measurement blank.

**CLARENCE E. HEAD,**

109 N. AURORA ST., ITHACA, N. Y.

**A POINT TO INSIST ON.**

There are endless numbers of traveling people who go regularly from New York to Chicago and vice versa several times a month, who have never gone over any other road but the Lake Shore & Michigan Southern, because this road is "good enough" for them. It's good enough for anybody, the fastest, safest, most convenient and most comfortable road in America. Once you travel over the Lake Shore and you will not want to experiment with any other road. People who know the comforts and discomforts of traveling, and what they have a right to expect, always insist on their tickets reading by way of the Lake Shore. So should you.

**A POINT WELL MADE**



can always be depended upon in an emergency. The point that we wish to make right here is that **DIXON'S AMERICAN GRAPHITE PENCILS** are the very best pencils made for all kinds of educational work. We have been making them for 30 years and they are as near perfection as possible.

Ask for them at the **University Bookstore.**

**JOSEPH DIXON CRUCIBLE CO.**  
JERSEY CITY, N. J.

Our Microscopes, Microtomes, Laboratory Glassware, Chemical Apparatus, Chemicals, Photo Lenses and Shutters, Field Glasses, Projection Apparatus, Photo-Micro Cameras are used by the leading Laboratories and Government Dep'ts Round the World

MICRO SCOPES

Catalogs Free

Bausch & Lomb Opt. Co.

ROCHESTER, N. Y.  
New York Chicago Boston Frankfurt, G'y

**THE STEPHENS PUBLISHING CO.**

**MERCANTILE AND SOCIETY PRINTING**  
COR. E. SENECA and N. AURORA STS.  
WM. J. SAUTER, Manager.  
Perfect Imitation Typewriter Letters—a Specialty.

**"Cornell's Largest Fitting School."**

My acquaintance with the preparatory schools of the United States leads me to believe that the Ithaca High School stands in the very front rank."

**J. G. SCHURMAN, Pres. Cornell University.**  
Gets students from 11 foreign countries, 31 States and 24 counties in New York State. Gymnasium, Baths, 7-acre Athletic Field, Free Text Books. Both Sexes. Tuition and extras \$60 and \$75 for 40 weeks. Enter any time. For catalogue address

**F. D. BOYNTON, M. A., Principal.**

**Hotel Victoria,**

FIFTH AVE., 27TH ST.  
AND BROADWAY.

**G. M. SWEENEY,**  
Proprietor.

**NEW YORK.**

'04, A. B.—Miss Anna M. Corbin is a teacher of Latin at Pulaski, N. Y.

'04, LL. B.—C. B. Dowd is engaged in the practice of law in Cortland as a member of the firm of Dowd & Dowd.

'04, M. E.—W. S. Finlay, jr., is an engineer in the office of the superintendent of motor power of the Interborough Rapid Transit company of New York city.

'04, LL. B.—Frank E. Eberhardt is a member of the firm of Eberhardt Bros. Machine company and is located at 113 Orchard street, Newark, N. J.

'04, M. E.—George E. Edgett is a draughtsman with the Holly Manufacturing company in Buffalo and is addressed at 1834 Seneca street.

'04, E. E.—A. B. Ellis is with the Pittsburgh Testing Laboratory, Limited, and is located at 6339 Marchand street, Pittsburgh, Pa.

'04, LL. B.—H. J. Drake is a lawyer with John Van Arsdale at 799 Seventh street, Buffalo, N. Y.

'04, A. B.—A. R. Coffin has entered the iron business with the Ferrera de Tula Iron company at Ferrera de Tula, Jalisco, Mexico, via Zacualco.

'04, C. E.—S. R. Ellis is a civil engineer in the employ of New York state. He is addressed at P. O. box 189, Whitehall, N. Y.

'04, M. E.—C. A. Dawley, formerly business manager of the Sibley Journal, has been elected to Junior membership in the American Society of Mechanical Engineers. He is doing experimental work for the Ingersoll-Sergeant Drill company, and is addressed at 40 Cattel street, Easton, Pa.

'04, M. E.—J. Schedden is inspecting engineer for the Beaver Asbestos company, Thetford Mines, Province of Quebec, Canada.

'04, M. D.—Thomas E. Fitzgerald is a



**Cotrell & Leonard,**  
ALBANY, N. Y.

**CAPS, GOWNS**  
and **HOODS**

to the American Colleges and Universities.  
Send for bulletin.

There are DRUG STORES and there are OTHER Drug Stores. TODD'S is a real proper Drug Store, a PRESCRIPTION Drug Store. Ever need such a place? If you do, this is one on Aurora St.

**SONGS OF CORNELL**

Words and Music.

**SONGS OF CORNELL**

Words only.

All the Latest College Songs, Marches, Waltzes, Etc.

**LENT'S MUSIC STORE,**  
122 N. AURORA ST.

member of the resident staff of the Fordham hospital of New York city.

'04, A. B.—Miss Alice A. Fish is a teacher in Cooperstown, N. Y.

Ex-'05—F. Ashby Wallace, a prominent former member of the class of 1905 is now employed in the passenger department of the Pennsylvania railroad company in the general offices of the company at the Broad street station, Philadelphia, and resides at 3417 Race street, Philadelphia, Pa.

Ex-'05—Walter Blount is negotiating for a 20,000-acre ranch in northwestern Mexico, where he expects to go ranching in a few months. He is now addressed in care of the Blount Plow Manufacturing company at Evanston, Ind.

**Poultry Show.**

The Cornell University Poultry association has arranged to hold a poultry show February 14, 15 and 16 at the judging pavilion. The event will be managed entirely by the students of the Agricultural College and will be the largest and most important yet attempted. A number of prominent poultrymen have signified their intention of placing exhibits, including Edward G. Wyckoff, ex-'09, who has a large poultry farm in Ithaca.

**Carnegie Institute Grants.**

The recent Carnegie Institute grants are announced in Science for February 10. Those awarded to Cornellians are as follows:

Professor Wilder D. Bancroft, Cornell University, for a systematic chemical study of alloys, \$500.

Professor W. F. Durand, Stanford University, California, for experiments on ship resistance and propulsion, \$4,120.

Professor C. D. Child, Ph. D., '07, assistant in physics '93-'94, and instructor in physics '94-'97, now in Colgate University, Hamilton, N. Y., for the investigation of the ionization in the neighborhood of a mercury arc in vacuum, \$50.

L. O. Howard, '77, Department of Agriculture, Washington, D. C., for preparing a report on American mosquitoes, \$2,500.

W. W. Coblenz, A. M. '01; Ph. D. '03, Cornell University, for investigating infra-red emission and absorption spectra, \$1,000.

E. S. Shepherd, A. B. '02, Cornell University, for systematic study of alloys with especial reference to brasses and bronzes, \$1,000.

# CASCADILLA SCHOOL

FOR BOYS--ITHACA, N. Y.

Twenty-eight years ago this school was established as a preparatory institution to Cornell University, and since that time has been represented there by over 1,000 students.

**PRESIDENT SCHURMAN** says: "I believe the Cascadilla School to be one of the best Preparatory Institutions in the country."

Strong in its advantages to the individual student. Small classes presided over by specialists representing the training of the best Colleges and Universities of this country and Europe.

Fine buildings for residence, recitation and recreation, New Chemical Laboratory, New Athletic Field of 22 acres on the hills east of the school, with new club house. Registration 1903-4 from 26 states. New registrations already entered for Sept. 1905. Early application carries certain advantages. Winter session opens Jan. 10, 1905; second semester, Feb. 6.



Recreation Building and Crew.

**C. V. Parsell, A. M.,**  
Principal.

I beg to announce that our real estate department will be pleased to buy, sell or rent real estate for clients.

**GEORGE S. TARBELL, Attorney,**

TRUST CO. BUILDING,

ITHACA, N. Y.

**Choice Cut Flowers,**  
**Decorative Plants,**  
**Floral Designs, etc.**

Complete Assortment at  
Reasonable Prices.

**THE BOOL FLORAL CO.,**

ITHACA, N. Y.

**H. GOLDENBERG,**

**University Tailor,**

209-211 DRYDEN ROAD, ITHACA, N. Y.

**F**riendly  
ellows  
and  
ashionable  
itments

At the **EMPIRE STATE.**