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CORNELL ALUMNI NEWS



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DRAWINGS were submitted by twelve senior members of the College of Architecture for the annual competition held under the auspices of the Society of Beaux Arts Architects of New York. Entries were received from all over the United States. Awards were made last week, the drawings submitted being on exhibition at the society's headquarters, 101 Park Avenue, New York. Official announcement of the awards has not yet reached Ithaca. It is known that one Cornell man, Gerald Lynton Kaufman, of New York, received a second medal. This was equivalent to the highest award made, since no first medal was given. Nine other Cornell seniors received mention. They are N. I. Crandall, C. M. Castillo, H. S. Kirchberger, W. Marcovitch, C. E. Ruhe, W. Schultheis, H. R. Sleeper, E. M. Tisdale, and H. C. Wellman. Two others, R. M. Kennedy and H. R. Kelley, were placed *hors de concours* for departure from the limits of their preliminary sketches. The problem called for the design of a plant for the manufacture of firearms.

A POSTCARD was received last week by Director Martin from Professor Georges Mauxion, former head of the department of design in the College of Architecture, who is serving with the French army. He said he was well. He is apparently in Paris, for the card was posted there.

PRESIDENT SCHURMAN on November 12 spoke before the Empire State Forest Products Association at Utica on "Forestry in New York—in Retrospect and in Prospect." The next day he was entertained at luncheon by the Cornell alumni of Utica and the neighborhood. On Friday evening he was the guest of the Rome chamber of commerce, and spoke on "Some issues of the day."

ONE HUNDRED AND ELEVEN students and members of the Faculty of the College of Architecture gathered in the Dutch Kitchen last Friday evening for the annual banquet of the college. In attendance and in the quality of speeches given the banquet was most successful. Three talks were given by members of the University Faculty and one by

an alumnus and former director of the College of Architecture, A. B. Trowbridge '90, of New York. Professor E. P. Andrews spoke on "Egypt." Professor Lane Cooper pointed out the relationship between architecture and poetry in his subject "Architecture and the Art of Poetry." Professor W. A. Hammond spoke on "The Fine Arts and the Public." Mr. Trowbridge gave an informal talk, and Professor Christian Midjo recited a Norwegian poem. Four undergraduates filled out the program with stunts. W. F. Staunton, jr., '16, was the chairman of the committee in charge of the affair and Professor George Young, jr., was toastmaster.

L'OGIVE, the upperclass club of the College of Architecture, now enrolls the following men: seniors, N. I. Crandall, J. L. Baldridge, R. W. Barnes, S. Kingsbury, H. W. Nolker, C. E. Ruhe, W. C. Uhri, jr., C. F. Williams; juniors, J. J. Dall, jr., L. R. Lytle, H. F. Stanton, W. F. Staunton, jr.

THE MASQUE has selected a play called "The Naked Truth" for its Junior Week production. The play is a three-act farce by two Englishmen. Its hero is an extraordinarily polite young man who puts on a magic ring from India and speaks the truth during two acts.

CHARLES G. BALDWIN, JR., a sophomore, has been appointed Frank William Padgham Scholar for 1914-15. This scholarship is open to students prepared in the public schools of Syracuse, N. Y., and entitles the holder to free tuition and remission of fees in Sibley College.

PRESIDENT SCHURMAN has been re-elected a member of the executive committee of the Carnegie Foundation for the Advancement of Teaching, with President Hadley, of Yale, whose term also expired this year. The annual meeting of the trustees of the Foundation was held at New York on November 18. With a total endowment of \$14,129,000 and an annual income of \$696,000, the Foundation has since its establishment paid allowances amounting to \$3,551,000 to 482 professors and

114 widows of professors, representing seventy-two institutions of learning. It was announced that the division of educational inquiry had completed an investigation of education in Vermont, and had in press a report on the case method of instruction in law schools.

THE WINTER COURSES of the College of Agriculture opened this year on November 10. A total of 534 students had registered last week, almost exactly the same as last year at a corresponding time, but not quite so many as the total registration of last year. The students are divided as follows among the seven main courses: agriculture, 256; dairy industry, 107; poultry husbandry, 69; fruit growing, 40; home economics, 38; vegetable gardening, 12; flower growing, 8. All the students in home economics are women, and some women are registered in each of the other courses except dairy industry. Instruction in fifty-two subjects will be given this year. Besides these regular studies a special one-week course intended for managers of factories and creameries who cannot be absent from their business for any length of time will again be given this year from March 4 to March 10. The regular courses of instruction will close on February 12.

IN AN ADDRESS before the Alpha Chapter of Sigma Xi, last week, Dr. P. A. Fish of the Veterinary College described experiments which were made in Ithaca to determine whether "bob veal," the flesh of calves from birth to four weeks of age, is harmful to the consumer when used as food. The law prohibits its sale for such a purpose. In dietary experiments conducted in Ithaca to determine this question seventy-five persons, including sixteen families, have taken part. In all cases the meat was enjoyed and no harm was felt.

ARMY ENCAMPMENTS for college students will be maintained by the War Department next summer at Chickamauga Park, Georgia; Ludington, Mich., and Plattsburgh Barracks, N. Y., continuing from July 5 to August 8, and at the Presidio, San Francisco, from June 25 to August 1st.



A VIEW OF THE COLLEGE OF AGRICULTURE, FROM THE VETERINARY COLLEGE. AT THE LEFT OF THE MAIN BUILDINGS IS THE HOME ECONOMICS BUILDING, WHICH IS ONE OF A ROW FORMING THE NORTH SIDE OF THE AGRICULTURAL QUADRANGLE. THE SOILS BUILDING, NEWEST OF THE AGRICULTURAL GROUP, IS ITS NEXT NEIGHBOR ON THE EAST (NOT SHOWN IN THIS PICTURE.)

Photograph by O. D. von Engeln

Athletic Finances

The Association Reports a Deficit of \$3,000 for the Year 1913-14

The Cornell University Athletic Association has given out for publication a statement of its receipts and expenditures during the year ended August 31, 1914. The year closed with a deficit of \$3,000, incurred mainly through extraordinary expense in permanent improvement of property of the association, and additional expense incurred in connection with the maintenance of the new Bacon Practice Hall.

There has been a fairly steady growth in the cost of maintaining the athletic establishment. A report was made for the year 1906-7 showing the expenditures for that year to have been about \$68,000. The expenditures during the year 1910-11, when another report was made, were about \$72,000. Some years have shown a profit and some a loss. In 1910-11 a deficit of more than \$6,000 was reported; it was met by a draft on the sinking fund. The statement:

	Receipts	Expenditures
Football	\$36,378.80	\$25,347.81
Baseball	14,248.62	13,589.74
Track	5,367.18	13,579.32
Navy	5,147.79	15,872.15
Navy Permanent Equip.		3,480.81
Boat Building	109.10	1,007.33
Percy Field	101.69	3,425.36
Spring Day	5,765.17	1,352.01
Season Tickets	18,841.00	468.25
General Account, comprising all branches, including permanent equipment, salaries, training table, office expenses	4,190.30	12,290.60
	\$90,148.65	\$93,148.65
Note of \$2,000.00 and appropriation of \$1,000.00 from interest account to meet deficit	\$ 3,000.00	
	\$90,148.65	\$93,148.65

Football is the large revenue-producer of college sports, but not in so large a proportion at Cornell as at other eastern universities which are nearer great centers of population. Last year's income of over \$36,000 from football was about the same as in any of the last five years. The largest amount which the association ever received from football in a single year was \$42,000 in 1908-9. In that year a game was played in Chicago.

The receipts from football, baseball, and track athletics were really larger than the figures given in the table above, because a part of the money paid for admission to Percy Field is paid by the holders of \$10 season tickets. Each of those three major sports, therefore, had a larger income by some proportional part of the season ticket receipts.

There were extraordinary expenses at the boathouse during the year which are charged to the permanent equipment of the Navy. The boathouse had to be moved on account of the widening of the Inlet by the State of New York, and a new concrete landing stage was built. A new heating plant had to be provided for the boathouse.

In the statement given out by the association attention is called also to the fact that additional expense was incurred in connection with the maintenance of Bacon Practice Hall, the new baseball cage on Alumni Field. The football, track, and baseball squads all used that building in the course of

the year. A janitor had to be employed and heat and light provided. That item of expense was between \$700 and \$800.

When the athletic plant is moved from Percy Field to Alumni Field the cost of maintaining it will be increased. There will be a saving in some particulars. It will not be necessary to move stands twice a year, as is done at Percy Field, for there will be separate fields for football and baseball, with permanent stands. For the same reason the baseball field will not have to be "skinned" every spring and turfed every summer. The cost of repairs will be less, for a time anyway. Increased expense in other directions, however, will doubtless be greater than these savings. There will be double the area of ground to keep in order, requiring the employment of one extra keeper. That it will cost more to maintain Schoellkopf Hall than the clubhouse at Percy Field goes without saying. This fall the new training quarters have been used by the track and football men and the management has been able to get an idea of the probable cost of running the building. It will require an extra janitor, for one thing. Water and electric light have to be purchased from the city because the University's supply of both is scarcely more than its own need. There will be an increased expense for fuel. The athletic management makes the guess that the maintenance of training quarters in Schoellkopf Hall will increase the association's expenses by at least three thousand dollars a year.

For a Three Mile Race Faculty Takes Up Question of Shortening Regatta Course

At a recent meeting of the University Faculty inquiry was made whether the varsity course at the intercollegiate regatta should not be shortened from four to three miles and whether the consent of the Intercollegiate Rowing Association to that change could be obtained if the change were thought to be advisable. The question was referred by the Faculty to the Committee on Student Affairs.

It is understood that the committee was empowered to take the matter up with the Stewards of the Intercollegiate Rowing Association.

The suggestion that the regatta course be shortened is not a new one. Coach Courtney has been an advocate of such a change. Last year, in the ad-

dress which he gave before several alumni associations, he reiterated his opposition to the four-mile race. He said that the average boy could not give the necessary time from his university work to make proper preparation for a race of that distance.

Cornell Women of Buffalo

Thirty-one Attend Luncheon and Hear an Address by Mrs. Martin

The Buffalo Club of Cornell Women had a splendid luncheon and meeting at the College Club of Buffalo last Saturday afternoon. Thirty-one Cornell women who live in Buffalo and vicinity attended.

After the singing of "Alma Mater," the women sat down to luncheon at one o'clock at tables decked with flowers of red and white. When the luncheon was about half over, Mrs. Frances J. Crofts, president of the club, announced that Philip Catalano '11, a former soloist of the Glee Club, had consented to sing some of the Cornell songs for the gathering. Mr. Catalano stepped into the room, and to an accompaniment played by Mrs. Katharine Stebbins Doyle '15, sang the song "Cornell." As encores he sang the "Alumni Song," "1875," and the "Boating Song." He sang them all wonderfully well—better than any of the women present had heard them sung since she left Ithaca.

Mrs. Gertrude S. Martin, Adviser of Women at the University, was the guest of honor and speaker. Her theme was the work and the needs of the women students. She surprised her hearers with the statement that there are now over six hundred women in the University. She said that the increase this fall in the number of entering women was unusually large and was due, probably, to the new state scholarships now being awarded every year. The speaker referred to the many splendid courses which the University is offering to its men and women but regretted that at the present time no course in social economics is offered in which practical training in social service work may be obtained.

At the conclusion of Mrs. Martin's very interesting address the women sang "The Evening Song" and a first-class Cornell luncheon was over.

The club will give an informal luncheon at the College Club, 163 Park Street, Buffalo, on the first Saturday of each month at one o'clock. All Cornell women who reside in Buffalo and vicinity, and all other Cornell

women who may chance to be in Buffalo on luncheon days, are invited to attend and to notify the stewardess of the College Club by telephone at any time up to 10 o'clock on the morning of luncheon days. During the Christmas holidays the club will give a luncheon for the women from Buffalo and vicinity who are attending the University.

The following women were present at Saturday's luncheon : Mrs. Frances Johnson Crofts '05, president; Mrs. Frances Hickman Wilkins '08, vice-president; Mrs. Louis Wright Simpson '94, Mrs. Martin Holbrook, Charlotte Holbrook '98, Mrs. Walter C. Nichols '94, Mrs. Charlotte Dodge Lanctot '00, Mrs. Katharine Stebbins Doyle '15, Mabel C. Baldwin '07, Mary Lathrop Holden '03, Ellen Holden '04, May C. Sickmon '04, Ruth Stone '10, Alice Battey '94, Mrs. Jennie Martin Carrier '90, Ethel Brewer '08, Jennie Felldin '00, Mrs. Frank H. Severance '79, Mrs. Jane Drake Abbott '03, Mrs. Elizabeth Drake Hazel '99, Mrs. Alice Frisbie Riester '03, Mary M. Wardwell '88, Mrs. Grace MacGonigal Blair '99, Mary Emma Jones '07, Ellen J. Nichols '02, Grace Rose '17, Ida Ross Sanders '98, Clara Browning '10, Rhoda White '11, Emily Hickman '01, and Annetta Dieckman '09.

Farm Bureau Conference

County Agents Meet at the State College of Agriculture

Farm bureau managers of the twenty-six counties in New York which have adopted farm bureau work met in their second annual conference at the College of Agriculture on Thursday, Friday, and Saturday of last week. Sessions of the conference were held on The functions of farm bureaus, Organization and membership, The farm survey, Farm bureau relationships to other enterprises, Boys' and girls' club work, and for general discussion. The two chief speakers who were scheduled to address the conference, C. J. Huson, State Commissioner of Agriculture, and Dr. W. H. Jordan, director of the experiment station at Geneva, were unable to appear. Urgent business caused by the prevalence of the foot-and-mouth disease kept Commissioner Huson away. The College of Agriculture entertained the conference at a supper in the Home Economics building on Friday evening. The farm bureau movement, which has arisen only within the last four years, has been uniformly successful throughout the state.

Did Not Get Money Needed Agricultural College Suffers Because Items Were Reduced

In his report for 1913-14 President Schurman says that the work of the New York State College of Agriculture has been hampered by the State's withholding of appropriations for certain necessities: He says:

"At the beginning of what promises to be one of the most successful years of the State College of Agriculture, so far as is indicated by the interest of the people of the State and the number of students demanding admission, the institution finds itself embarrassed for lack of funds. When the needs of the College were considered last year, it was decided that in view of the financial situation in the State the appropriations requested should be kept to the very lowest minimum consistent with the welfare of the work in hand. Practically no increases were requested for maintenance, and only a few very urgent ones were presented for improvements and repairs. After these appropriations had passed both houses, the Governor, exercising his prerogative, found it necessary to reduce certain of the items in order to relieve the financial stringency and prevent a deficiency in state funds.

"The items not approved by the Governor included one for additions and repairs amounting to \$5,000. The original estimate for this item was \$10,000, and it was cut by the Legislature to \$5,000. In an institution such as the State College of Agriculture, it is absolutely necessary that there should be a suitable fund for the large number of minor changes that from time to time must be made in the various buildings for repairs and betterments, including plumbing, carpentering, electric wiring, and the like. The item of \$10,000 was none too large for this work; and to be left without any funds whatever is seriously embarrassing.

"The second item disapproved was for constructing conduits, underground steam connections, and other equipment, in order to complete the plan for a central heating plant which the State has recently erected. This item amounted to \$38,000. While the item is of the greatest importance because of the difficulty in heating the new buildings by means of temporary heating plants, and if allowed would have resulted in considerable economizing of expenditures, it is now so late that a deficiency appropriation will not be needed if the

item is provided for in the regular appropriation bill.

"The third item was for the purchase of forestry land and timber to be used for instruction and practical demonstrations in forestry. This item amounted to \$40,000, and, while it is of great importance to have an appropriation made ultimately, it can now wait for the regular course.

"The fourth item is of vital importance to the institution, as it has to do with work which is already under way and which would be seriously crippled if the funds were not forthcoming. The item is for \$12,350 for extension work. The total appropriation made by the State for extension service was \$70,000, and the amount eliminated was for the support of extension work in connection with farm demonstrations, farmers' institutes, inspections, and consultations.

"The fifth item eliminated was for the Summer School in Agriculture for school teachers and others, amounting to \$10,000. The Summer School has grown to be one of the important activities of the College, and to discontinue the work at this time would be a serious disadvantage to the institution and to the teachers of agriculture and home economics in the State. Started in the summer of 1911 with a registration of 128 students, the Summer School has grown rapidly until 388 students were registered during the past summer, showing that the school is supplying a real need. The fact that the summer is the only time when school teachers can utilize the facilities of the College makes the continuance of the Summer School imperative. It is believed, therefore, that steps should be taken to relieve the immediate situation by securing an appropriation of not less than \$30,000 to make up the deficit in the three pressing items, namely, additions and repairs, the extension work, and the Summer School.

"It is poor economy for the authorities of the State to withhold appropriations for the State College of Agriculture when they are absolutely necessary for the prosecution of some of the most important and useful work in the interests of agriculture and for the benefit of the farmers of New York the College is under obligation to perform. The public recognize that no monies spent by the State bring such large and fruitful returns as those spent for improving agriculture, and the public demand that the work of the State College of Agriculture alike with students, school

teachers and farmers be adequately and generously supported."

Dr. Jordan's Lecture

He Says the Present War Is the Inevitable Result of Armaments

David Starr Jordan '72, Chancellor of Stanford University and director of the World Peace Foundation, lectured in Bailey Hall on November 11 about the present war. He said that this conflict was the inevitable result of military efficiency. Behind the sabre-rattlers, he said, were the war-traders, "the huge corporations of death that make huge profits out of war and war scares, men with whom the cultivation of hatred is in the line of business, the great trusts of death with their drummers, ambassadors, and spies in every land."

"No single event brought on the war," he said, "though many have been accessory to it. Not the least of these has been the persistent refusal of Great Britain to join in the abolition of piracy at sea. The death of an archduke, a reckless word in Ulster, a random shot anywhere along the firing line, might have precipitated the crash at any time. In the 'rape of Belgium,' 'the grossest violation of international law since Napoleon,' Great Britain finds a moral sanction for doing what she was already pledged to do. But the whole 'policy of encirclement' of Germany was her creation. She was bound to share the fate of her allies in this sordid entanglement, which rested at bottom on the mutual interests of the money-lenders of France and the money-spenders of St. Petersburg. The war, originally for nothing at all, is fast becoming a fight for existence to the republic of France and to the democracy of Great Britain as well; to the imperial rule of Germany it was such a struggle from the beginning.

"What can we hope to save from the wreckage? We cannot count on the war system to put down the war system. We may hope perhaps for the downfall of autocracy. We may hope for democratic control of the great questions in the lives of nations.

"If the people of Germany could take charge of the German government Germany would cease to be a menace to herself and the world. This is true also of Russia, and perhaps Austria, as it has been true of France and Great Britain. We may hope for treaties of arbitration. Treaties are broken sometimes; but

that does not prevent their being the political foundation of civilization.

"The experiences of this year will go to strengthen treaties, not to weaken them, especially those which are founded on a common welfare of humanity. It is a terribly costly thing to break faith with civilization.

"We may hope, too, that armament will cease to be built for private profit, or to be sold from citizens of one nation to the government of another. We may hope to legalize piracy at sea, and all the other devices by which governments have waged war against private citizens. Righteous war there never was, because the fundamental basis of war is murder. But war may be honorable, armies fighting armies. When it becomes honorable it will have gone a long way toward becoming impossible. There is an old French proverb which says that war without rapine is like tripe without mustard, too insipid for a man of spirit.

"As workers for peace we can do little just now except think and study. When the time comes for mediation we may trust President Wilson to take the lead, and we will all mobilize behind him. We wish that the voice of the Pope of Rome proclaiming the truce of God for the season of Christmas could be heard by the contending armies and those who send them forth to be wasted in slaughter.

"The one ultimate hope is that instead of the Concert of Powers, ever out of time and tune, we may have a Concert of Peoples, a gathering not of soldiers, war agents, and diplomats, but an assembly of good men devoted to the common welfare. The peoples will be weaker, exhausted in money, in courage, in intelligence, in hope. The standards of life will all be lower. War relaxes the stamina of coming generations. The human harvest that war must yield is that of lessened human efficiency."

JEAN HEBRARD IS WELL

A report of the death of Jean Hébrard, former professor of design in the College of Architecture, reached Ithaca early in October. Now the report is denied by Professor Hébrard himself. Irving R. Stevens, a life insurance agent of Ithaca, wrote to Professor Hébrard's father telling of the report received here that he had been killed in battle, and asking for further information. Mr. Stevens has received a letter from Professor Hébrard saying that he is alive and in good health. He is now adjutant of the 32d Regiment of French Territorials.

OBITUARY

A. M. Baldwin '72

Alva Morse Baldwin, a physician, died at his home in Groton, Tompkins County, N. Y., on November 1st. He was born at Venice, Cayuga County, sixty-four years ago, but had lived most of his life in Groton, where his father conducted the Groton Academy. He attended Hamilton College, but left there in 1869 to enter Cornell University, and he received the degree of Ph.B. in 1872. Then he studied for a year in Germany and on his return to this country became the first principal of the Groton union school. He afterward taught in other towns. While he was principal of the high school at Williamsport, Pa., he began the study of medicine. After two years of study at the Hahnemann Medical College he received the degree of M.D. in 1880. He settled in Groton and practiced his profession there during the rest of his life. His wife and one son survive him.

D. E. Salmon '72

Daniel Elmer Salmon, the first chief of the U. S. bureau of animal industry, died at Butte, Mont., on August 30, of pneumonia. He was born at Mount Olive, Morris County, N. J., in 1850. He entered Cornell University when it opened in 1868, and became interested in the study of veterinary medicine after becoming acquainted with Dr. James Law, who had just come to Cornell from Scotland. He spent the last six months of his senior year at a veterinary school in Paris. The degree of Bachelor of Veterinary Science was conferred upon him in 1872, and in 1876 the University made him a Doctor of Veterinary Medicine. He practiced in Newark, N. J., for several years after his graduation. From 1878 till 1884 he was connected with the U. S. Department of Agriculture as an investigator of animal diseases. The bureau of animal industry was established in 1884. Dr. Salmon was appointed chief of that bureau and held the office till 1906. A summary of the most important things which he accomplished there is given by Dr. V. A. Moore in *The Cornell Veterinarian*, as follows :

1. The complete eradication of contagious pleuro-pneumonia of cattle from the United States.
2. The study and control of Texas fever.
3. The establishment of the federal meat inspection service.
4. The establishment of the inspection of exported animals, and the ships carrying them, thus doing away with the cruel treatment and suffering

which had been a startling feature of this traffic, reducing the losses and preserving the trade.

5. The protection of the country from imported diseases by perfecting the system of inspecting and quarantining imported animals.
6. The scientific investigation of animal diseases, and their bearing upon public health questions.

Dr. Salmon retired from the bureau of animal industry in 1906 and entered the service of the government of Uruguay as director of the National Veterinary School at Montevideo. He stayed there six years. Upon his return to this country in 1912 he was called to Butte, Mont., by a company engaged in the production of hog cholera serum, to direct its operations.

Dr. Salmon was elected to the Board of Trustees of the University by the alumni in 1888 for a term of five years and was elected for a one year term in 1895. In 1898 he was president of the U. S. Veterinary Medical Association. He was a fellow of the American Association for the Advancement of Science, an honorary associate of the Royal College of Veterinary Surgeons of Great Britain, an associate of the Central Society of Veterinary Medicine of France, and a member of other medical and general scientific bodies.

MRS. F. H. WINGERT DEAD

Mrs. Frank H. Wingert of Ithaca was killed by a fall from an automobile near this city on November 16. Frank H. Wingert is a traveling passenger agent of the Lehigh Valley Railroad and has a very wide acquaintance among Cornell alumni, who will sympathize with him in his sorrow.

IN THE NEBRASKA CAMPAIGN

The following article is contributed by a reader of the NEWS in Omaha :

The recent suffrage campaign in Nebraska was the hardest struggle against the liquor interests yet made in the state. James Richardson '01 stayed in the thick of the fight with a steadfastness not to be forgotten. Among the women Mrs. E. L. Hinman (Alice Hamlin, Ph.D. '96) and Miss Eunice Stebbins, B.S. '97, A.M. '13, were on the firing line. Other friends to the cause were Arthur Wakeley '78, Dr. Harold Gifford '79, Charles Saunders '80, John Towle '94, and E. L. Hinman, A.B. '92, Ph.D. '95.

PROFESSOR D. S. KIMBALL went to Buffalo last week and addressed the Buffalo Engineers' Society.

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ITHACA, NEW YORK, NOVEMBER 26, 1914

THE picture on the cover of this number shows a building which will be recognized at a glance by men who studied civil engineering at Cornell before 1890. It stood on, or partly on, the site of Lincoln Hall. Built about the time the University was opened in 1868, it is described in the early *Registers* as "The Laboratories." "This structure contains, until the stone laboratories shall be erected, temporary apartments for several of the scientific departments of the University. Here are the chemical, physical and botanical lecture-rooms, the chemical stock-room, the furnace-room, the assaying room, the physical laboratory and the cabinet of physical apparatus, the agricultural laboratory, the botanical laboratory, the draughting room and lecture room of the school of civil engineering, the draughting room of the College of Mechanic Arts, and several workshops. It is provided with water and gas." That was its description in 1870. Most

of those departments were moved to other buildings until all the wooden structure was left to the civil engineers. The picture of the old building brings back memories of other things than laboratory work. Close to it, for two decades, was the football and baseball field of the University. On the ground shown in the picture many home runs and touchdowns were scored. From its windows "deadheads" looked down on the home plate. It was demolished about 1889 to make room for Lincoln Hall.

THE DEVELOPMENT and fostering of scientific research applied to engineering problems is the most vitally important matter to Sibley College to-day, so the director of the college declares in his latest annual report. He mentions three objects of such work, namely, that the college may add its share to the data of engineering, and thus bear aside from the work of teaching—a source of helpfulness to the profession; that the college may thus gain dignified publicity and maintain and improve its standing among like institutions, and that the carrying on of this work may react as an inspiration on the teaching of engineering to undergraduates. He says that during the year about forty investigations or systematic tests have been under way with which students or faculty of the college have been connected. With respect to the maintenance of fellowships as one means of encouraging and supporting such research, he has this to say: "For several years and especially this year it has been apparent that our fellowships in Sibley College have not attracted strong men who are well prepared for important research work in engineering. The reason is not far to seek. The fellowship pays about \$500 for the year, of which \$150 is returned for tuition; this leaves \$350, which is inadequate to pay the reasonable living expense of a student in Ithaca for the University year. Hence no man can accept a Cornell fellowship unless he has a private income. It is certainly 'a far cry' from this to the original intent of fellowships, and it is certain that our fellowships are not accomplishing the object for which they were established. It would seem that the tuition of fellows should be remitted so that the holder's expenses might be provided during a year of concentrated work on engineering research or else that the fellowships should be abolished and the money made effective elsewhere."

SOME INTERESTING FACTS regarding fellowships and scholarships are given by the Dean of the Graduate School (Professor Merritt) in his report. Our fellows and scholars form less than ten per cent of the total number of graduate students. There are thirteen universities where the ratio is higher. The average for those thirteen is thirty-one per cent; in other words, practically one-third of all the graduate students hold appointments either as fellows or as scholars. In seven universities the sum devoted to fellowships and scholarships is greater than at Cornell, the average annual appropriation for those seven being \$29,000, as compared with \$16,500 at Cornell. Our appropriation is apportioned among forty-twenty-four fellowships and sixteen scholarships. To find out whether fellowships attract students of unusual ability, he says, a card list of Cornell fellows and scholars from 1884 to 1904 was prepared. It was found that twenty-seven per cent of them were mentioned in "Who's Who in America," while that publication mentioned only fifteen per cent of the graduate students who received advanced degrees during the same period but who did not hold fellowships. Information also was obtained which showed that in the great majority of cases our fellows continue in the work for which they were trained. The Dean's conclusion is that in the great majority of cases the fellowship appointments have accomplished their purpose, which is to enable students of unusual promise to continue graduate work, in the hope that men of exceptional ability may thus be found who will be encouraged to devote themselves to lines of scholarly or professional work in which both extended training and natural ability are especially needed. He notes that thirty-four of our former fellows are now on the instructing staff of Cornell University, sixteen of them being full professors.

PROFESSOR R. C. CARPENTER spoke on "Research in Sibley College" at a meeting of the Cornell section of the A. S. M. E. in Sibley Dome last Wednesday night. He urged the vast practical importance of research by students in engineering and spoke especially of the system of research inaugurated in Sibley College by Director Thurston. In recent years, he said, the facilities for research in Sibley had not kept pace in growth and advancement with the increasing numbers in the college.

UNDERGRADUATE SCHOLARS

The Committee on University Undergraduate Scholarships (Professor W. A. Hammond, Chairman), in reporting to the University Faculty for the year 1913-14, said: "In the opinion of the Committee the history of the Undergraduate Scholarships in recent years has amply justified their establishment by the Trustees. The Committee believes that the honor, as well as the financial assistance of these stipends, has done much to promote a high type of scholarship. This is particularly important in a community where great stress is laid on athletic and social honors, to the neglect of the real purposes of the University. During the year the Committee cancelled four scholarships, on the ground that the holders had not maintained a record sufficiently high to merit scholarship honors. Of the remaining 32 scholars, the representatives of the Class of 1916 (17 scholars) made an average scholarship record of 87.17 per cent, and of the Class of 1917 (15 scholars) an average record of 87.77 per cent. The highest average made by any scholar was 93.25 per cent."

COACHING STAFF ENDORSED

There was an attendance of sixty-three at the weekly luncheon of the Northeastern Ohio Cornell Association at Cleveland on November 19. At the end of the room was a big banner bearing the score of the Michigan-Cornell game. Stories of the game were told by S. W. Hartley '01, "Chuck" Bradley '08, and Dr. Winthrop Randall '75, who had all seen it. Joe Harris read the crowd E. A. Batchelor's witty account

of the game in the *Detroit Free Press*. The following resolution was unanimously adopted:

"Resolved, that the Northeastern Ohio Cornell Association assembled in executive session at the Hollenden Hotel, Thursday, November 19, 1914, hereby places itself on record as strongly endorsing the present system of coaching as in vogue in connection with Cornell athletics and that we urgently recommend that every proper effort be employed by those in authority to retain permanently the services of Dr. Sharpe, Mr. Reed, and Mr. VanOrman individually and in co-operation with each other. Be it further resolved that the President of the Association be directed and he is hereby directed to convey an expression of these sentiments to the Athletic Council at Ithaca and to each of the other alumni associations throughout the country."

DOWN AND UP IN ST. LOUIS

The Michigan and Cornell Clubs of Saint Louis had a joint luncheon at the American Hotel on Saturday, November 14, and received bulletins during the game at Ann Arbor.

At the end of the first quarter there were several cases of heart failure on the Cornell side, but the doctors' reports show rapid recovery of the afflicted sons of Cornell during the second and third quarters.

The Cornell Club of Saint Louis requests the team to play the games hereafter in a manner calculated to prevent such attacks on the part of the alumni.

Sixty celebrators and mourners took part.

ALUMNI CALENDAR

Saturday, November 28.

Indianapolis.—Football Smoker for all Cornell men of Indiana, resident or transient. Given by the Cornell Alumni Association of Indiana at the University Club, Indianapolis, at eight o'clock.

Saturday, December 7.

Wilkes-Barre.—Cornell Night will be celebrated at the Hotel Redington, Wilkes-Barre, Pa., on Saturday, December 7, 1914. There will be a speaker from the University, views of University doings, eats, and songs. If you have not already received a notice, send your name and address to E. B. Wagner, 56 North Washington Street.

CREW INVITED TO THE COAST

**Exposition Suggests that Cornell Navy
Be Represented at San Francisco**

Mr. Courtney recently received a letter from an officer of the Panama-Pacific Exposition asking if the Cornell Navy would consider an invitation to send a crew to the Coast in 1915 to row against the Stanford, California, and Washington eights. The matter was taken up by the Athletic Council and the letter was answered, asking for more definite information. No reply has yet been received. It is probable that no such trip will be undertaken unless all expenses of the trip are paid by the exposition management. The race would also have to be held during the summer vacation to secure the entry of a Cornell crew. Columbia, as well as Cornell, has been approached on the subject.

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ATHLETICS

Cross-Country Running

Cornell Team Wins the Intercollegiate Race with a Score of 35

Five Cornell runners finishing among the first twelve won the intercollegiate cross-country run held over a six mile course at New Haven last Saturday morning. D. F. Potter, jr., '16, of Cornell, was the first man to finish. Morrison of Princeton was a close second. Cornell men were in first, fifth, eighth, ninth, and twelfth places, making a total score of 35. Harvard was second with 77, and Yale third with 91.

The race started just outside the newly completed Yale Bowl. The course lay over a diversified route, partly rough grass, partly dirt and gravel roads, finishing with a turn around the Bowl for about 400 yards and a final run around the track in Yale Field.

Eleven teams entered the race, seven men on a team, the first five to count in the scoring. The Cornell team, which was regarded before the race as a sure winner of the team honors, failed to stick together as it did in the dual meets with Harvard and Pennsylvania. Morrison, the Princeton runner, took the lead early, and held it until he reached the Bowl, a little over five miles from the start. Potter was running in third place, behind Wenz of Colby. Just after passing the Bowl the Cornell man started a sprint, passed Wenz and Morrison, entered Yale Field, and finished about forty yards ahead. His time was 34 minutes 3-5 seconds.

Morrison and Wenz were followed by Overton of Yale and L. V. Windnagle '17, of Cornell. The next Cornell men were J. C. Corwith '16, eighth, and C. L. Speiden '15, ninth. Captain A. G. Cadiz '15 finished twelfth, completing the Cornell score. The thirteenth was J. R. Grime '15, of Cornell. J. S. Hoffmire '16, who finished second in the intercollegiate run last year, has been troubled for some time with a lame hip. He entered the race at the last moment, but was unable to finish better than twenty-first.

Although it was a decisive victory, the result was a disappointment to some who had hoped for a lower score than ever before. MacLure of Harvard and Colton of Pennsylvania, neither of whom had been able to keep Cornell from finishing with a perfect score against their respective teams, finished

sixth and seventh, upsetting predictions. The winning score, 35, is third in order of the low scores made since five men have counted in the scoring (from 1909 on). In 1909 Berna, Tappan, Young, Fleming, and Brown finished first, second, fifth, sixth, and eighth, scoring 22 points. The Harvard team finished with only 32 points in 1912. Of the sixteen intercollegiate runs which have been held Cornell has won fourteen and Yale and Harvard one each.

The present victory gives Cornell one leg on the new cross-country trophy offered by the I. C. A. A. A. in place of the one which Cornell captured for good a year ago.

Football

The Schedule

Cornell, 28; Ursinus, 0.
Pittsburgh, 9; Cornell, 3.
Colgate, 7; Cornell 3.
Cornell, 21; Carlisle Indians, 0.
Cornell, 48; Bucknell, 0.
Cornell, 28; Brown, 7.
Cornell, 48; Holy Cross, 3.
Cornell, 26; Franklin and Marshall, 3.
Cornell, 28; Michigan, 13.

November 26, Pennsylvania at Philadelphia.

Climax of the Season

By the time this number reaches most of its readers, the final game of the football season will have been played. So there is no opportunity for either prophecy or review.

The Cornell eleven left Ithaca on Monday night for Atlantic City, where the squad was to stay till a few hours before the team faced Pennsylvania on Franklin Field.

During the week after the Michigan game the Cornell eleven did not work very hard. There was regular signal practice, and the scrubs had several hard scrimmages. Not a single man had suffered a disabling injury in the Michigan game. All were reported to be in good condition. Philippi had a slight attack of tonsilitis early last week, and rested for a few days.

The Cornell line-up against Pennsylvania was expected to be as follows : left end, Shelton; left tackle, Gallogly; left guard, Munsick; center, Cool; right guard, Anderson; right tackle, Allen; right end, Captain O'Hearn; quarterback, Barrett; left halfback, Shuler; right halfback, Collyer; fullback, Hill or Philippi. The substitutes were : ends, Lautz and Eckley; tackles, Jameson and Jewett; guards, McCutcheon and Tilley; center, Brown; quarterback, Collins; halfbacks, Kleinert and Whitney; fullback, Williams.

The Pennsylvania team had had a poor record this season. It was : won from Gettysburg, 14 to 0; lost to Franklin and Marshall, 0 to 10; played a scoreless tie with Lafayette; won from the Navy, 13 to 6; defeated the Carlisle Indians, 7 to 0; won from Swarthmore, 40 to 6; lost to Michigan, 3 to 34; lost to Dartmouth, 0 to 41.

CORNELL'S TEAM WORK

H. G. Salsinger in *The Detroit News*

It is doubtful if a better team than Cornell's has ever visited Ferry field. Their line was said to be weak, but if Cornell's line was weak we should like to see a strong one. It was admitted that the Ithacans had a strong backfield, but the most optimistic reports did not place the drive, the speed and the power of those backs within 50 per cent of actual ability.

Seasons will probably pass before Michigan will look upon a better end than the swarthy and rugged O'Hearn, captain of Cornell and the player with the big figure "1" on the back of his jersey.

How that figure "1" was carried over the playing field on Saturday. By following figure "1" you followed the ball. If you wanted to locate the center of action all you had to do was to look for "1." We doubt if Ann Arbor has ever seen as valuable a defensive end as O'Hearn. Once he ducked by the opposing end, cut in behind, followed Maulbetsch through Cornell's line and tackled him from behind. Of nine Cornell punts, Michigan ran back four for a total of 38 yards. O'Hearn was always on top or somewhere near the Michigan back who caught the ball.

It will also be many days before another pair of backs like Barrett and Philippi will be seen on Ferry field. Drive and power they had and perfect interference. There was the secret of Cornell's great success—interference. Time and again Barrett or Philippi came crashing through the line or around the Wolverine ends guarded by three or four red jerseyed mates. That interference was the fastest and most powerful, also the closest we remember seeing in Ann Arbor. Never did a Cornell man take the ball but that he had one or two men in front and was flanked by husky brothers in red.

Wonderful as the Cornell rushing was both from individual effort and team co-operation, known as interference, the offensive work of Maulbetsch was more

so. This phenomenal back did the most brilliant offensive work of the day. Of the 120 yards that Michigan gained on rushing, 108 were gained by Maulbetsch alone. And "alone" is used with a double meaning here. Rarely ever did "Maully" have any interference. He generally made his own openings, crashing through the red line whenever called on.

Michigan has probably never looked weaker on defense. Cochran was the one man who seemed able to stop Cornell. Raynsford was good, but not as successful as Cochran, and Reiman was about the only other player who worked with effect against the rushing Ithacans.

Hughitt, playing his last game for Michigan, generalized his eleven well. He used what he had with good discretion. And he played fine individually, both on offense and defense.

ANN ARBOR IMPRESSIONS

E. A. Bachelor in the Detroit Free Press

Right here, before somebody beats us to it, we will pick our All-American team. He is Barrett, of Cornell. And having selected this great football machine, we will go to any well-conducted orphan asylum or to the old ladies' home and get 10 more persons to fill in with. Maybe we could use Hardwick or Brickley to hold Barrett's sweater. There were a lot of football players displayed by the "Big Red Team," but none of them could compare with the wonderful Barrett. Cornell ought to be made to forfeit the game for introducing such an animal. Michigan had figured on meeting plain human beings, but Coach Sharpe stacked the cards on her and presented in the person of his quarterback a creature who possessed the speed of a deer, the strength of a grizzly, the sure-footedness of a mountain goat, the elusiveness of an eel and the cunning of a fox. If there are any other animals in the menagerie which have desirable qualities Mr. Barrett also has borrowed something from them. *

However, this is not a story about Barrett entirely but about a lot of unfortunate things that happened to Michigan. It would be unfair to the other Cornell men to say that Barrett was the whole show anyhow. He wasn't more than seven-eighths of it. There was a guy named Philippi among those present who didn't exactly handicap the Ithacans. Philippi is named after the battle of that name and with only one guess we can arrive at the conclusion that if any of his ancestors were

present at this scrap they were on the winning side. At times the Michigan players must have thought that the battle itself instead of the person who took its name was on hand.

Mr. Philippi is one of those mentally feeble persons who can entertain but one idea at a time. His sole aim in life is to make all the touchdowns in the world. This was a fairly profitable afternoon for him as he negotiated three of them and seemed about to pry another from Michigan's resisting grasp when the final whistle called him off. As a line bucker, he is all that Barrett claims in the open field game. * * *

Why, we hear somebody ask, didn't Michigan open up with those double passes and lateral passes and things with which she made Pennsy look like a "bush league" outfit a week ago? That is easy to answer. Because Cornell had a team that was so alert on defense, so quick to size up plays and so deadly in its tackling that nothing would work against her. Michigan did essay some maneuvers similar to those that had the Quakers standing around in circles, but Cornell refused to be fooled.

Eddie O'Hearn, captain of the Cornell team, was the rock on which Michigan's attempts to open up were wrecked. He was all to the Ithacans' defense that Barrett and Philippi were to the attack. No matter what the Wolverines attempted, O'Hearn was always on the job to break up the party. They couldn't draw him in, they couldn't block him off and they couldn't run fast enough to get away from him. * * *

Cornell man for man was so far outplaying Michigan in the latter part of the game that the backs didn't have a fair chance to get started. No strategy is much account if the other fellow gets to you and busts you before you get going, and that is what Cornell did. The forwards came sifting through in flocks, secondary defense got up awful fast and the two ends went as straight to the play as a toper goes to the side door of a saloon on Sunday. * * *

Cornell gave a wonderful exhibition of blocking. On those end runs of Barrett's, for instance, Michigan's flankers were laid out so flat that they had absolutely no chance of interfering with the success of the play unless somebody happened to trip over them. O'Hearn and Shelton were wonders at putting the opposing outposts where they would do the least good. They didn't confine themselves to brushing Michigan's tack-

lers aside, either, but knocked them down and rolled on them, which is after all the only sure system.

The Ithaca interference formed quickly, had an uncanny knack of staying on its feet and the backs followed it well. A regular wall of men protected the fellow who carried the ball on almost every play. Michigan couldn't get through the crowd to spill the back until he had gone far enough to serve the team's purpose.

CORNELL TEAM'S HIGH RANK

James P. Sinnott in the New York Evening Mail

Any doubt that may have lingered in the minds of football enthusiasts that Al Sharpe has finally swept Cornell to the crest in football, was dispelled by the Ithacans' decisive defeat of Yost's Michigan eleven on Saturday at Ann Arbor. Cornell has arrived with a vengeance on the gridiron map, and on present form can dispute any eastern team's claim to the so-called championship.

The defense of the Ithacans, judged by comparative scores against the Wolverines, is not as strong as that of Harvard. On the other hand, using the same basis of comparison, the attack of the New York state collegians must be stronger than that of the crimson minus Brickley.

Harvard, despite many assertions that they had something in reserve, seemed pushed to the limit to hold Michigan to a 7-0 score two weeks ago. In fact offensively, the Yost team was more effective than the Cambridge eleven. On Saturday Cornell ran up twenty-eight points against Michigan, with little or no trouble.

Barrett, the Cornell quarter, was from all accounts the star of both teams. He far and away outshone Hughitt, the sensational field general of the maize and blue. If All-American teaming were as popular a pastime as it was some years ago, it would be hard for Barrett to fail to be the selection of most of our experts for that honor. As the custom has fallen more or less into disuse, he will have to be content with being adjudged the best quarterback in the east. * * * * All honor to Sharpe and Cornell.

Discharged from the Infirmary.—D. F. Taber and Charles Lahr, the football players who were injured during the season, have been discharged from the Infirmary. They will both attend the Pennsylvania game.

Freshmen Lose, 14 to 0**Beaten by Penn's 1918 Eleven**

The Cornell freshman football team was beaten by the Pennsylvania 1918 eleven at Philadelphia last Saturday by a score of 14 to 0. Last year, at Ithaca, the Pennsylvania freshmen won by a score of 13 to 7. In the game this year, the Cornell youngsters played better than their season's showing had given reason to expect. Coach Stewart Robb had a very green squad to work with this fall and found it necessary to teach the rudiments of the game to several of his candidates. The team carried the ball to Penn's two-yard line in the first period but lost it there on a fumble. After the middle of the second period the Cornell team was on the defensive most of the time.

Victory for Agriculture**Low Score for That College in Cross-Country Run**

A decisive victory for the College of Agriculture was the result of the collegiate cross-country run, held last Saturday afternoon. There were 237 runners entered and most of them started. Sixty-nine of the entries were from Agriculture, and Arts was next with thirty-four.

The team scores follow: Agriculture, 56; Sibley, 93; Arts, 151; Civil Engineering, 265; Chemistry, 360; Architecture, 399. The first seven men of each team counted. Four lawyers and three veterinarians completed the race. The places taken by men who scored for Agriculture were first, fourth, fifth, sixth, eighth, fifteenth, and seventeenth. Edward Frey '17, of New York City, was the winner. N. N. Tilley '15, of Buffalo, for Sibley College, took second place, and Morton Ryder '15, of Carmel, for Arts, was third. Besides Frey, the men who scored within the first ten for Agriculture were H. M. Humphrey '19, New York; H. E. Irish '16, Auburn; J. H. Greene '17, Albany, and C. M. Putney '17, New York.

Reller Improving.—A letter received in Ithaca from the father of O. A. Reller says that the track captain is slowly recovering from the injuries which he received in a motorcycle accident. He hopes to return to the University in February.

DR. A. H. SHARPE will be the umpire at the Army-Navy football game on November 28.

ALUMNI NOTES

'70-'71, Optional—Samuel T. Maddox of Brooklyn is Justice of the Supreme Court in the 2d judicial district.

'78, B.L.—Arthur C. Wakeley has been elected to the board of education of the city of Omaha, Nebraska. He was a candidate on the citizens' ticket, and his election was a result of a movement to put men on the board who would give an honest and efficient administration.

'79, B.C.E.—Robert Herman is an examiner in the U. S. Patent Office. He has been a member of the examining corps in that office since 1888.

'84-'86, Special—H. A. Tenney is practicing law at 347 Fifth Avenue, New York.

'91, A.B.—Captain E. L. Phillips of the 13th Cavalry, U. S. A., is now with his regiment at Columbus, New Mexico. Edward Davis, LL.B. '96, who is a captain in the same regiment, is also at Columbus.

'91, LL.B.—The Rev. Charles H. McKnight is headmaster of the Berkeley School, Seventy-second Street and West End Avenue, New York.

'94, A.B.—J. B. Landfield's address is changed to Easton, San Mateo County, California.

'95, C.E.—Ernest A. Truran is assistant engineer in charge of structural steel design and details for the New York Central & Hudson River Railroad, with headquarters at the Grand Central Terminal, New York.

'97, B.S.—In an article in the Syracuse *Post-Standard* for November 16, "P. M. P." notices the recent publication of "Birds of New York" and says: "If the large establishment at Ithaca had never done anything but produce mechanical engineers, boat crews and Louis Fuertes it would have vindicated the judgment of Ezra Cornell. It would, moreover, have proved itself a place where the pursuit of fact and the pursuit of beauty can proceed neck and neck. Louis Agassiz Fuertes, the son of a professor of engineering, himself renowned as an undergraduate by reason of marked comedy talents in glee club concerts, is now, I have no doubt, recognized generally as the foremost illustrator of bird life in this country, perhaps the best this country has ever had. The great second volume of 'Birds of New York,' lately published at Albany by the state, is full of Mr. Fuer-

tes' work. It testifies to his genius as an artist who can be a thorough-going and original scientist and a scientist who cannot help being an artist. Feeling, imagination and utter devotion to reality are apparent in every feather in Mr. Fuertes' pictures." Reference is made by the writer to several articles contributed by Mr. Fuertes during the last year to the periodical known as *Bird Lore*. These articles related experiences met during a study of bird life in the Andes.

'99, M.E.—H. L. Hibbard has moved his headquarters from Milwaukee to the New York office of the Cutler-Hammer Manufacturing Company (Hudson Terminal Building), in order to look after the combined government work of that company and the Diehl Manufacturing Company.

'00, A.B.—Lewis S. Palen's address is in care of the Chinese Post Office, Harbin, Manchuria. He is general manager of the Manchurian Agricultural Development Company, agents for the International Harvester Corporation. The company has just completed its first season and is planning some expansion for the next. An area of 150,000 acres has been offered to it to supplement its present holding of 28,000 acres.

'00, C.E.—A. H. von Bayer is now at Lebanon, Pa., with the Semet-Solvey Company.

'01—John P. Gilbert, of The Merritt & Gilbert Company, railroad contractors, is now getting his letters from the post office at Cape Girardeau, Missouri.

'04, M.E.—Howard Dingle's address is 1860 East Eighty-first Street, Cleveland, Ohio. He was married on June 9, 1914, to Miss Edith Weiss, daughter of Mr. and Mrs. George L. Weiss, of Euclid Heights, Cleveland.

'04, C.E.—Haines Gridley's address is San Pedro, New Mexico. He is the superintendent of the Santa Fe Gold & Copper Mining Company.

'05, LL.B.—To facilitate the handling in New York City of litigation important to commercial interests a new court system has been put into effect. It is expected to eliminate excessive delays which heretofore have impeded the prosecution of commercial actions. The new plan, which was adopted by the Justices of the City Court upon the recommendation of Justice William L. Ransom, creates a special commercial calendar. Parts III and IV of the

court are assigned exclusively to the trial of these commercial causes.

'06, A.B.; '07, A.M.—Frank B. Crandall is a senior in the Harvard Divinity School. He is preparing for the Unitarian ministry.

'07, C.E.—A. W. Dann's address is Sciotosville, Ohio. He is treasurer of the Dravo Contracting Company of Pittsburgh, and has charge for the company of the building of a new bridge over the Ohio River for the Chesapeake & Ohio Railroad.

'07, C.E.—Louis J. Sieling was married to Miss Nellie Fillmore Wilbur, daughter of Mr. and Mrs. Robert Fillmore Wilbur, at Red Bank, N. J., on November 14.

'08, C.E.—Clarence T. Seipp's address is changed to 2340 Lincoln Park West, Chicago.

'08, M.E.—C. M. Husted is with the Eagle Works of the Standard Oil Company of New York, at Claremont, Jersey City, N. J. His post office address is 8 Arlington Road, Cranford, N. J.

'08, M.E.—H. L. Trube's address is 529 J. M. S. Building, South Bend, Indiana.

'08, M.E.—Harry R. Coffin has changed his address from Athens, N. Y., to 12 Burnside Street, Upper Montclair, N. J.

'09, M.E.—Wilson K. Page is electrical engineer of the Western New York & Pennsylvania Traction Company, at Olean, N. Y.

'10, A.B.—Marguerite Decker '10, daughter of Delbert H. Decker '84, was married on November 15, at Millerton, N. Y., to Harrison Morton Dixon of the U. S. Department of Agriculture. They will be at home after January 1st at 1421 Columbia Road, Washington, D. C.

'10, C.E.—John S. Longwell is in the U. S. Reclamation Service and is now assistant engineer on the Minidoka Project at Burley, Idaho.

'11, C.E.—C. Hersey Lent was married to Miss Marguerite L. Wilson, of Philadelphia, on October 22, at the

Gethsemane Methodist Episcopal Church, Philadelphia. Lent is assistant to the president of Brown, Lent & Pett, manufacturing stationers, 90 William Street, New York.

'11, M.E.—William O. Winston, jr., of Minneapolis, is at Grand Junction, Colorado, where the Winston Brothers Company is digging an irrigation ditch. H. W. Battin, C.E. '81, is in charge of the work there for the company.

'11, M.E.—Grenville W. Parkin is employed by the Lehigh Valley Railroad in construction work on new Pier 8, North River, New York. His home is at Bound Brook, N. J.

'12—John C. Barker's address is 10509 Morrison Avenue, Cleveland, Ohio.

'12, A.B.; '14, LL.B.—Remsen B. Ostrander is in the law office of Fowler & Vann, Dillaye Memorial Building, Syracuse, N. Y. He and V. R. ("Sandy") Read, M.E. '13, are rooming together at The Leavenworth, 617 James Street. Read is an engineer with the New York State Railways.

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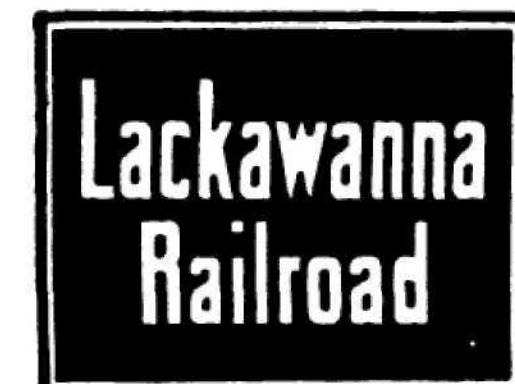
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'13, M.E.—E. M. Shepard's address is 1253 Woodward Avenue, Detroit. He is with the Wagner Electric Manufacturing Company as resident engineer for the Detroit office.

'13, D.V.M.—William J. Selkin's address is 4157 Morgan Street, St. Louis, Mo. He is with the U. S. bureau of animal industry.

'13, C.E.—H. A. R. Austin is a junior engineer in the water resources branch of the U. S. Geological Survey. His address is 1087 Beretania Street, Honolulu, Hawaii.

'14, M.E.—Charles P. Bartgis is in the engineering department of the American Telephone & Telegraph Company. He lives at 61 West Seventy-first Street, New York.

'14, A.B.—Stanley J. Hiett is a junior in the law department of the University of Michigan. His address is 612 East Madison Street, Ann Arbor, Mich.

'14, M.E.—R. M. Weiser is with the United States Gypsum Company at Oakfield, N. Y.

'14, B.Chem.—C. E. Vaughn is with the New Jersey Testing Laboratories, 92 Greenwood Avenue, Montclair, N. J.

'14, B.S.—H. E. Denmark was married to Miss Della E. Rogers of Erin, N. Y., on June 20. Since July 1st he has been manager of Seth Low Pierrepont's farms at Ridgefield, Conn.

'14, C.E.—Arthur M. Field's address is Y. M. C. A., Tarrytown, N. Y. He is with the Ward Carpenter Company, civil and consulting engineers, of Tarrytown.

'14, C.E.—J. M. Phillips is with the B. D. Pierce Jr. Contracting Company of Bridgeport. His address is 509 Laurel Avenue, Bridgeport, Conn.

'14, A.B.—E. E. Ferris is an instructor in mathematics at Mercersburg Academy. His address is Box 92, Mercersburg, Pa.

'14, B.S.—M. J. Barrios, jr., is managing his father's cattle ranches in Nicaragua and Costa Rica. His address is Rivas, Nicaragua, Central America.

'14, M.E.—Charles S. Burlingham, jr., is now at his home in Parkton, Md., on account of the illness of his father. He expects to return early in 1915 to the Westinghouse Electric & Mfg. Co., at East Pittsburgh, Pa.

'14, M.E.—P. J. Kent is with the Western Electric Company at San Francisco. His address is Keystone Hotel.

'14, C.E.—William M. Reck has left the Spring Brook Water Supply Company at Wilkes-Barre to accept work with the engineering department of the Public Service Commission of New York City. His new address is 201 Fifteenth Street, Brooklyn, N. Y.

'14, B.S.—Charles A. Wright is instructor in general science and agriculture at the Heathcote School for Boys, Harrison, N. J.

'14, C.E.—Burton W. Brodt is in the civil engineering department of the Chicago & Eastern Illinois Railroad. His address is 6032 Kimbark Avenue, Chicago.

'14, B.S.—Albert T. Coumbe, jr., is now connected with the foreign service of the Standard Oil Company. His address is Batavia, Java, in care of the Standard Oil Company of New York.

'14, LL.B.—Harry S. Wilbur is in the law office of Salisbury & Agate, Elwood Building, Rochester, N. Y.

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