

CORNELL ALUMNI NEWS



Alumni Rally at Over a Hundred
Gatherings to Support
Roll Call

Fraudulent Cornellian Arrested in
Pittsburgh as Check
Forger

Cornell Loses First League Ball
Game to Pennsylvania—
7 to 4

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Lv. Philadelphia	9.20 A.M.	12.40 P.M.	†12.01 A.M.
Ar. Ithaca	4.51 P.M.	8.17 P.M.	*7.38 A.M.
Returning			
Lv. Ithaca	9.15 A.M.	12.34 P.M.	‡11.00 P.M.
Ar. Philadelphia	5.03 P.M.	8.08 P.M.	6.51 A.M.
Ar. Newark	5.13 P.M.	8.14 P.M.	6.41 A.M.
Ar. New York	5.45 P.M.	8.45 P.M.	7.15 A.M.

*Sleepers may be occupied at Ithaca until 8:00 A.M.

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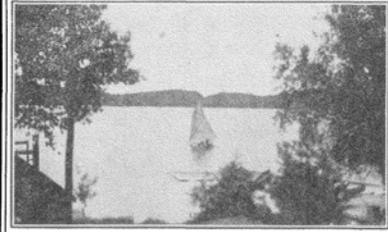
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CORNELL ALUMNI NEWS

VOL. XXXII NO. 24

ITHACA, NEW YORK, APRIL 17, 1930

PRICE 12 CENTS

Thousands Rally to Cornell

*Roll-Call Dinner and National Broadcast
Set New Records—1061 at
New York Dinner*

April 1, 1930 will go down into Cornell history as a red-letter date. It marked the first nation-wide Cornell broadcast and also signaled the largest number of Cornell gatherings ever held simultaneously. Another all-Cornell record was established, in that at twenty-five at least of the meetings which featured the opening of the Cornellian Council Roll Call, local attendance records of long standing were broken.

No more auspicious start has been given to a Cornell undertaking than the brilliant New York dinner at the Commodore Hotel. 1061 Cornellians were in the grand ball room when the festivities opened with the singing of the Alma Mater, by a group of Glee Club men. At the speaker's table were seated the guest of honor, Dr. Jacob Gould Schurman, President Farrand, Myron C. Taylor '94, Jervis Langdon '97, Maxwell M. Upson '99, who acted as toastmaster in the absence of J. DuPratt White '90; Judge Frank H. Hiscock '75, chairman of the Board of Trustees, and a large number of trustees and other distinguished Cornellians. The dinner is said to have brought together the most outstanding group of Cornell men and women yet assembled outside of Ithaca.

The consciousness that this gathering was but one of a hundred or more all over the United States and Canada, made its occasion much more impressive. The speakers presented the case of Cornell in enthusiastic terms. The tribute paid to Dr. Schurman by his former students and associates showed that his recollections of the men and women who had made Cornell met a most sympathetic response.

Mr. Taylor's plea for emphasis of the cultural aspects of education, and the prophecy that Cornell would some day have a great school devoted to the fine and liberal arts were enthusiastically acclaimed. Likewise his reference to one of Cornell's patrons, George F. Baker, was the occasion for long applause. Mr. Baker's regret at his inability to be present was expressed by Mr. Taylor who said, "I am particularly privileged to bear you a message from a venerable member of the Board of Trustees who ex-

pressed to me this afternoon very great regret at his inability to be present. As a continuing friend of it, (the University,) and a well-wisher of it, no one stands in a more favored position than does George F. Baker."

President Farrand was in his usually felicitous mood and the affection with which he is held was attested by the spontaneous greeting he received. As former Chairman of the American Red Cross, the parallel which he drew between the annual effort of the Red Cross and the Cornellian Council Roll Call was appropriate.

Jervis Langdon, national chairman of the Roll Call, painted a picture of the expanding influence of the University and summoned the sons and daughters of Cornell to make of the University the leader in the number of contributing alumni.

The strains of the Evening Song had hardly terminated the dinner, when Mr. Upson, toastmaster, ushered Dr. Schurman, President Farrand, and Mr. Taylor to an adjoining room. There at 11:30 P.M. again was heard the Alma Mater and the first All-Cornell broadcast from coast to coast was inaugurated. Through the efforts of Edward L. Bernays '12, the Columbia Broadcasting System had provided a nation-wide hook-up, which carried the speeches and songs to the hundred or more gatherings and to thousands of Cornell homes. The text of the New York speeches and the comments on the program appear elsewhere in this publication.

DEDICATION PLANNED

Cornell will be represented at the dedication exercises of the new campus and buildings of the University of California at Los Angeles on March 27 and 28 by Robert L. Daugherty '10 Grad., professor of mechanical engineering at Pasadena. Professor Daugherty was assistant professor of mechanics in the College of Engineering from 1909 to 1912.

PASS CENSORSHIP MEASURE

Provision for censorship of imports of foreign literature has been restored to the Tariff Bill by the United States Senate.

Members of the Faculty recently joined with other educators throughout the country in protesting, through a petition, against this provision of the bill.

Fraudulent Cornellian Caught

*Operator Using Names Ballinger and Pruyn,
Specializing on Phi Delta Thetas,
Caught in Pittsburgh*

An impostor described in The Alumni News of January 31, 1929, and apparently impersonating various members of Phi Delta Theta, was arrested in the Oliver Building in Pittsburgh on April 1.

At the time he was calling on Charles Saints, an Ohio Wesleyan Phi Delt. He was operating under the name of Ballinger, and was detected from the fact that the Mr. Ballinger described was known by Mr. Saints to have died a year ago.

The man was booked under the name of William Pruyn of Kansas City. He gave his age as 47. At the time he operated as a Cornellian his practice was to forge the name of some well known Cornellian living at a distant point and to endorse the check with the name he was bearing at the time, usually Pruyn. The detectives who made the arrest were City Detectives Clarence Raeder and Edward McEntee.

Cornellians who have information that should be presented in connection with this case, or those of 1928-9, should communicate at once with Mr. Saints or the city detectives who made the arrest. Evidence and additional charges should be sent to the office of the District Attorney, Pittsburgh, Pennsylvania.

NAMED TO UTILITIES BOARD

Maurice C. Burrirt '08, former head of the extension service in the College of Agriculture, was appointed a member of the New York State Public Service Commission by Governor Franklin D. Roosevelt April 8.

Burrirt received his B.S. in agriculture in 1908 and his M.S. in 1910. He is a member of Governor Roosevelt's agricultural advisory commission of which Henry Morgenthau, Jr. '13, is chairman. Burrirt has been prominent in the Grange League Cooperative Association.

HERBERT BRODSKY '30, New York, won first prize in the annual current events contest conducted at universities by The New York Times. Second prize was won by George Simpson '30, New York and third prize by Abraham Levin '32, New York.

ATHLETICS

BASEBALL SEASON ON

The baseball team lost to Pennsylvania at Philadelphia April 12 in its first game in the newly-formed Eastern Intercollegiate Baseball League, 7-4. The team, in a five-game southern trip, won only one contest.

Boies, starting on the mound for Cornell, allowed eleven hits in the seven innings he pitched. The Quakers scored two runs in the second inning, only to have Cornell go out ahead in the next inning when LaFrance, first baseman, hit a home run with the bases full.

Pennsylvania got one more run in its half of the third and went out to score three more in the fourth.

Cornell could do little with the offerings of Masters, Pennsylvania pitcher, getting seven hits. LaFrance and Captain Cushman each got two hits, LaFrance adding a double to his home run.

Stevens relieved Boies in the seventh and held Pennsylvania hittless in the eighth.

Cornell's one victory on the southern trip was scored over the University of North Carolina on April 1, after the southern team had won the opening game on March 31. The first contest was close. Boies pitched well the first four innings, but in the fifth he weakened and the Carolina players got six hits and three runs. North Carolina won, 3-2.

Stevens started the second game, but was wild, and Schultz replaced him in the third inning. Cornell made 14 hits, and won, 10-8. The fielding of the team was perfect.

Duke won, 10-3, April 2, with Lewis pitching for Cornell. Cornell got seven hits off McKeithan, Duke sophomore hurler, while the Southerners scored freely on the offerings of Lewis. The Cornell pitcher also received poor support.

The second game with Duke, scheduled for April 3, was cancelled on account of rain. Against Georgetown at Washington, April 4, Cornell played ragged ball, and Georgetown won its seventh straight victory of the season, 9-3. Boies pitched for Cornell.

The University of Maryland, with Batson allowing only two hits, both made by Handleman, Cornell shortstop, shut out Cornell April 5, 6-0, the last game of the trip. The home team got nine hits off Stevens in five innings and two off Lewis during the rest of the game.

HITTING BETTER

The team showed promise in its playing, the hitting being much better than last year. Fielding strength, particularly in the infield, has been sacrificed to heavier hitting ability.

Handleman, who played right field last year, has been brought in to shortstop, while Cushman, Maioriana, and Moon are filling the outfield posts. LaFrance, who was unable to play last year because of an injured ankle, is playing first base, with Habicht, a newcomer, on second and Kappler on third.

The veterans of the pitching corps are Boies and Lewis. Stevens pitched for the freshmen last year, while Schultz is a newcomer.

The catching staff is made up of Zahn, a sophomore, and Heye. They have divided the catching assignment in the games played thus far this season.

Pennsylvania's victory over Cornell puts the Philadelphia team in a tie with Columbia for first place in the league standing. Each has won one game.

The box scores of the Cornell-Pennsylvania game:

PENNSYLVANIA (7)		AB	R	H	PO	A	E
Callaghan, 1b		3	1	1	14	0	0
Wilner, 2b		3	1	1	3	0	0
Carlsten, cf		4	0	0	1	0	0
Slaughter, lf		4	0	1	1	0	0
Becker, ss		3	0	2	1	3	1
Walker, 3b		3	2	2	1	3	1
Graupner, rf		4	2	1	2	0	0
Caniglia, c		4	1	2	6	0	0
Masters, p		4	0	1	0	4	0
Totals		32	7	11	27	13	2

CORNELL (4)		AB	R	H	PO	A	E
Moon, rf		4	0	1	2	0	0
Maioriana, cf		5	0	0	0	0	0
Habicht, 2b		5	1	0	1	2	0
LaFrance		4	1	2	9	0	0
Handleman, ss		4	0	1	1	2	0
Cushman, lf		4	0	2	3	1	0
Kappler, 3b		4	0	0	4	2	0
Heye, c		4	1	0	3	2	0
Boies, p		3	1	1	1	1	0
Stevens, p		1	0	0	0	0	0
Totals		38	4	7	24	10	0

Summary—Two-base hits, Handleman, Graupner, Caniglia, LaFrance. Three-base hit, Wilner. Home run, LaFrance. Sacrifice hit, Callaghan. Left on bases, Pennsylvania 5, Cornell 7. Stolen bases, Graupner, Caniglia, Boies, Callaghan, Slaughter, Maioriana. Struck out, by Boies 3, by Masters 4. Bases on balls, off Boies 3. Losing pitcher, Boies. Wild pitch, Boies. Hits, off Boies 11 in 7 innings, off Stevens, 0 in 1 inning. Time, 2:08. Umpires, Wahner and Livingstone.

LACROSSE STARTS WELL

The lacrosse team opened its season during the Spring recess by tying, 2-all, with Princeton at Princeton April 4. In the first home game, on Alumni Field, April 12, Cornell defeated the Harvard twelve, 4-3.

The Harvard game was won in the last five minutes of play on a goal by Fay, Cornell second attack, unassisted.

Neither team scored in the first fifteen minutes of play. Then Moon, Cornell third attack, put one past Gulick. Johnson, on a pass from Nido, tied the score just before the end of the half.

Cornell went ahead in the second half on Hubbell's tally on a pass from Schuchardt, but Saunders, Crimson in home, got two goals in a row to put Harvard ahead, 3-2. Captain Tiemann, Cornell center, tied the score when he took a pass from Trousdell to flip the ball into the net.

Fay, who had spent most of the game on the bench, returned to take the ball down the field and get in a fine shot for the winning score.

Two over-time periods of five minutes each failed to break the deadlock in the Princeton game. Cornell came from behind to tie the score. Goals by Captain Scarlett and Clark gave the Tigers a two-goal lead in the first five minutes of play. Late in the first half, Matthews, Cornell inside home, scored, and then Hubbell got the tying score in the last five minutes of the second period.

FENCERS SURPRISE

Cornell qualified teams in the foils and epee in the semi-finals of the northern division of the Intercollegiate Fencing Association at West Point April 4 and 5.

Cornell won from Boston College 9-0, Hamilton 5-4, and New York University 6-3, losing only to Army, 6-3, in foils.

In the épée matches, Cornell defeated Army 3-1, Boston College 3-1, Hamilton 3-1, and New York University 4-0.

Individual qualifiers were Cantor and Gravino in foils and Jose C. Martinez in épée.

Cornell failed to qualify its saber team, but Cristobal Martinez and Cantor qualified for the individual championships.

The finals were scheduled to be held in New York April 16 and 17.

CORNELL WRESTLER STARS

Glenn D. Stafford '30, wrestling captain last year and undefeated champion in the 175-pound class, captured the 175-pound National Amateur Athletic Union title in New York last week.

In the final round he defeated Krogh of the University of Chicago.

LATE AFTERNOON BROADCAST

Station WEAI, the University broadcasting station, began April 15 a new program on the air from 5 until 6 o'clock daily, with Louis C. Boochever '12 in charge.

The station is continuing its regular daily broadcast at noon, during which time the programs are in charge of the College of Agriculture.

The Federal Radio Commission recently licensed an increase in power for Station WEAI. It is expected that it will now have a broadcasting radius of more than 200 miles.

New Building Approved

State Authorizes \$100,000 on Project; \$650,000 Structure for Agricultural Economics

The Department of Agricultural Economics in the College of Agriculture will soon be housed in a new building, replacing the present frame structure. The State Legislature has authorized an appropriation of \$100,000 for the preparation of plans and for the construction of the foundation.

An additional \$550,000 will be appropriated next year to finish the building.

The new addition to the College of Agriculture Campus is the result of recommendations of Governor Franklin D. Roosevelt's Agricultural Advisory Commission, headed by Henry Morgenthau, Jr., '13. The value of the work of the department has been recognized in the studies of this Commission, and the new building is being provided to permit more adequate facilities.

The Legislature has also provided \$20,000 to complete the grading and grounds of the new \$1,000,000 Plant Industry Building. Reimbursement to Cornell of \$1,911 already spent for this work has also been authorized by the State.

A bill to provide \$30,000 for an egg-laying contest in Genesee County under the direction of the College is also being considered. Assemblyman James R. Robinson '08 introduced the measures.

DENTISTS HEAR DR. FARRAND

President Farrand was the principal speaker at the annual dinner of the Sixth District Dental Society in Ithaca on April 8. Dr. Farrand said that the profession of dentistry is intimately concerned with the whole question of professional education, in which problem Cornell is deeply interested.

Referring to the new medical center now being constructed in New York by the New York Hospital-Cornell Medical College Association, he said that those in charge held the "deep conviction that it would be incomplete without the development of a center for dental education."

TELEPHONE SYSTEM OPENED

A new telephone system providing individual service to every student living in Balch Halls, Prudence Riskey Hall, Baker Tower, and Boldt Hall was opened on April 3. Eventually the new system will be extended to Sage College, North and South Baker Halls, and Founders Hall. Cascadilla Hall will not be included in the system.

A central switchboard has been installed in Sage College through which calls can be made to any telephone in the dormitories.

Invents Airplane Overshoe

Device to Break Ice Forming on Wings Is Developed by William C. Geer '02—Combats Menace to Flying

A device designed to overcome the menace of ice forming on the wings of airplanes has been invented by Dr. William C. Geer '02, research chemist and former vice-president of the B. F. Goodrich Rubber Company of Akron, Ohio.

The invention, still in its formative stage, is a thin rubber "overshoe," fitted to lace over the wings of the plane and treated with a special oil preparation.

Most of the research work on the new device was done at Cornell by Dr. Geer and Dr. Merit Scott '20, research physicist. The experiments were financed by the Daniel Guggenheim Fund for the Promotion of Aeronautics, and assistance has been given by the Department of Physics, the Goodrich Company, the National Air Transport, Inc., and its superintendent of the Eastern Division, Wesley L. Smith.

Dr. Geer's statement on the new invention follows:

"Although much work will be required by way of detailed improvement, I am convinced that we have developed fundamental principles and simple means, through the use of which the ice hazard may be eliminated from airplanes.

"We have found in our laboratory work at Cornell, where Dr. Scott has performed the detailed work in the Department of Physics, that the adhesion of ice to metal—polished aluminum, for instance—is very high—some forty-five pounds to the square inch. The adhesion of ice to other substances varies greatly, and to some the adhesion is remarkably low. Much further work will need to be done before we can express numerical data on this branch of research. Resistance to water at ordinary temperatures does not mean resistance to ice at ten degrees below the freezing point; in fact some substances are excellent for waterproofing but show high ice adhesion.

"Certain oils have been used by others upon the airplane surfaces without pronounced success. The oils used have become viscous and sticky at the freezing temperatures, and whatever of effectiveness they may have possessed has been temporary because the wind forces have scrubbed off the layers.

"However, the principle of lubrication and hence zero adhesion is sound, provided the oils chosen are right for the purpose. This is the first of our conclusions. We have used a selected group, the freezing points of the members of which fall below the ice-forming temperatures, e.g. below -15 degrees C, whose viscosities at these temperatures are low, and whose boiling points are high. Thus the oils which we use are mobile liquids

under ice-forming conditions and are non-drying over long periods of time.

"To render the scrubbing off by the wind impossible, the oils are absorbed into thin sheets of vulcanized rubber, which, as is well known, absorbs large volumes of many different oils. To avoid the weakening and deteriorating action of oil upon the rubber, a long study of the effect of over 100 oils and oil mixtures on rubber was undertaken, with the result that not only has a mixture been found which gives to vulcanized rubber an essentially zero adhesion toward ice, but which alters the tensile strength and other physical properties of the rubber sheet only slightly. The particular oil mixture selected assists moderately to preserve rubber in light and air. When tested in the wind tunnel, a sheet of rubber into which this oil has been absorbed shows the property of actually exuding oil to the surface, that is, the rubber is self-lubricating at freezing temperatures, and after an initial oil treatment shows this property over a period of weeks.

"A sheet of vulcanized rubber has an added advantage: it is one of the best heat insulators, and because of the retention at the surface of the heat of fusion of the freezing mist, the volume of ice formed on a rubber sheet is somewhat less than upon most other substances.

"However, ice formed upon a zero adhesion surface does not remove itself. This is the second conclusion. It is perfectly shaped to every irregularity of surface, and, like a suction cup, is held on the curved airplane parts by atmospheric pressure. When the plane is in flight, since the ice forms only on leading edges, the air forces equivalent to the flight speed of the plane are added to the atmospheric pressure, and the two forces effectively prevent any surface from automatically shedding its ice.

"These observations led to the third conclusion, which is expressed in the form of a simple mechanical device, into which the above observations could be incorporated. By means of it the ice, particularly in thin layers, can be moved and the 'vacuum' broken. This has taken the form of a light weight, thin rubber overshoe for leading edges, with a fabric backing for strength, in the leading edge of which is an air tube, and a rubber oil-holding layer on the surface. This inner tube is connected by pressure tubing to a pump, either motor or hand driven.

"This overshoe lies flat on the part with tubes collapsed, and so alters but little the curvature of the part. When ice forms the pilot will turn air into the

Continued on page 334

Retirement Plan Adopted

Staff Members of State Colleges Made Eligible for Allowance from Fund When They Retire

Members of the staffs of the State Colleges have been made eligible to participation in the New York State Employees' Retirement System through a bill recently approved by Governor Franklin D. Roosevelt. Entrance into the system is optional for all present staff members, providing that those electing to enter shall do so on or before January 1, 1931. Entrance is obligatory on all future appointees.

The availability of this system to the staff is considered of great importance because of the very serious shrinkage in the pensions granted by the Carnegie Foundation. The State system has a further advantage in that it is applicable not merely to the teaching and scientific staffs, but also to administrative officers, clerks, technicians, mechanics, and laborers.

The system is a contributory one, individuals making a monthly contribution, deducted from their salary checks, in amounts ranging from approximately

three per cent up to eight per cent, depending on the age at which one enters the system.

The amount given by individuals is approximately matched by a contribution from the State treasury, and the resulting fund provides for the retirement allowances. This allowance may be received at the age of sixty years, with an ultimate compulsory retirement at the age of seventy years. The retirement allowance is approximately one-seventh of the average salary received during the last five years of the individual's service multiplied by the number of years of service he has given the State.

CORNELLIAN WILL DIRECT BUILDING OF GREAT SHIPS

Construction of two great trans-Atlantic liners for the United States Lines, to be built within the next few years with the cooperation of the United States Government, will be directed by Frederick P. Palen '94, former vice-president of the Newport News Shipbuilding and Dry Dock Company.

Plans call for the construction of two ships of more than 50,000 gross tons, with a length of 962 feet and a beam of 107.5 feet. Each of the ships will cost

approximately \$30,000,000 and will be built to maintain a speed of about 28.5 knots. They will be equipped to accommodate airplanes for the transportation of mail between ship and shore.

Mr. Palen will head a staff of more than sixty technical experts. His experience covers practically every branch of shipbuilding, a career in which he has spent more than twenty-five years.

The new ships, expected to compete with the present speed record-holders of the Atlantic, the Europa and Bremen of the North German Lloyd Line, are part of the United States Lines' effort to maintain a major American service in the North Atlantic.

Federal aid in the form of loans at the lowest rate of interest possible and in contracts for the transportation of mails has been assured the lines. Officials of the company have worked with an advisory committee which comprised the technical experts of the leading shipbuilding companies of the country, and studies were made of the modern ships built by foreign lines.

'05 REUNION PLANS

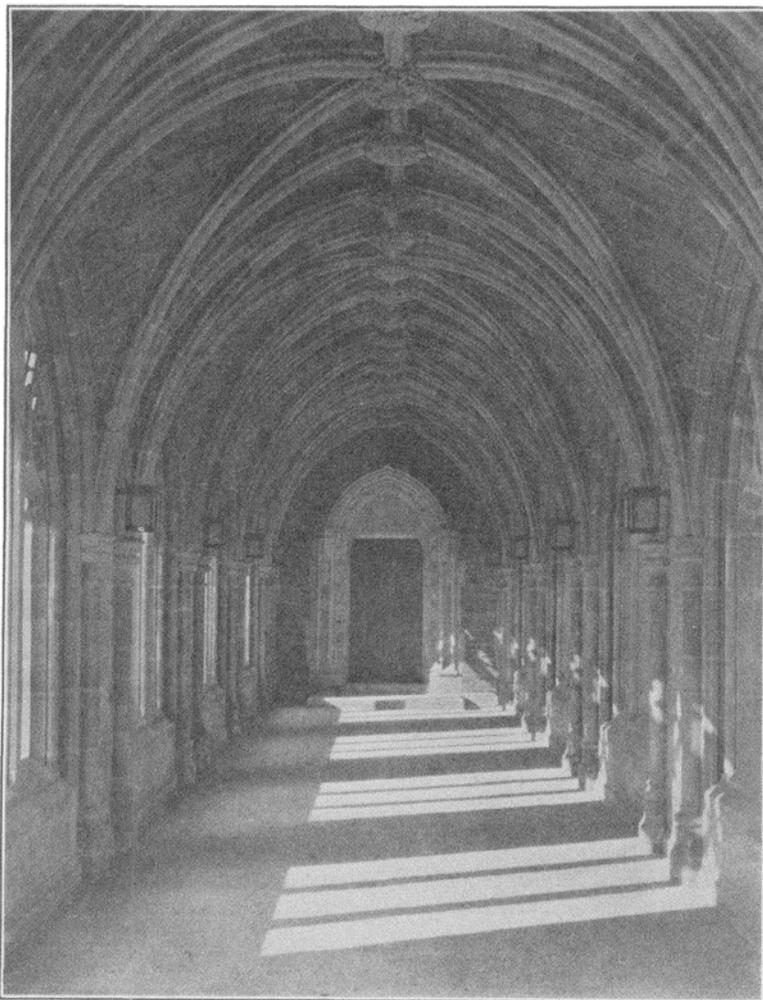
Under the leadership of Harry N. Morse, reunion chairman, and Robert P. Butler, class secretary, the men of '05 are laying plans for a record-breaking celebration of the completion of their first quarter century out of college. The class has adopted the 50-50 plan, which has been successfully tried during the past few years by five reunion classes. Under the 50-50 plan every point in the United States is considered equidistant from Ithaca and payments of the same amount are made by all alumni wherever their residences may be. These include the cost of transportation to and from Ithaca.

One notable feature of the '05 reunion will be the dedication of the two rooms which the class contributed to the War Memorial in memory of William W. Baldwin, Jr., and Andrew J. Lowndes.

The national committee is made up of the following men:

California: George C. Boldt, Jr., and Paul S. Rattle; *District of Columbia:* Walter E. Blount; *Illinois:* Samuel A. Bingham, William J. Miskella, William A. Vawter, 2d, Erskine Wilder; *Maryland:* Donald F. Stevens; *Michigan:* James Lynah; *Missouri:* Edward Holmes; *New York:* Harold J. Richardson and J. Frederick Schoellkopf, Jr.; *Pennsylvania:* Thomas D. Bowes, Arthur M. Harrington, Thomas Fleming, Jr., and Carl G. Allen; *Texas:* Hoxie H. Thompson; *New York City:* Dr. J. Homer Cudmore, Dr. Henry S. Dunning, Howard Eric, Burt H. Greiner, Andrew J. Haire, Sidney Rossman, Frederick W. Scheidenhelm, Dr. Cassius Way, and Richard A. Wright.

The next class dinner will be held at the Cornell Club of New York April 28.



A CORRIDOR WITHIN THE WAR MEMORIAL Photo by Troy Studio

JULIA T. IRVINE '75 DIES;
WAS PRESIDENT OF WELLESLEY

Mrs. Charles J. Irvine (Julia Josephine Thompson '75), fourth president of Wellesley College, died in Aix-les-Bains, France, March 14. She was head of Wellesley from 1895 to 1899.

Mrs. Irvine obtained her A.B. degree in 1875 and her A.M. degree a year later. Her husband died in 1886, and she then began her teaching career in a private school. After four years she was appointed junior professor of Greek in Wellesley. She soon became a member of the academic council, and at the death of President Shafer in 1894 she was appointed acting president. A year later she became the fourth president of the college.

Except for the year 1913-14, Mrs. Irvine, since her resignation from the presidency in 1899, had lived in France. She returned to Wellesley in that year to reorganize the French department.

The following citation was given her when Wellesley conferred on her in May, 1925, the degree of Doctor of Laws: "Julia T. Irvine, fourth president of Wellesley College, Greek scholar, inspiring teacher, who, at the call of duty, left the classroom to carry the tasks of the president's office with rare insight and a gallant and courageous spirit."

UNVEIL TABLET HONORING
MEMORY OF DR. SWEET

A tablet in memory of Dr. John E. Sweet, professor of mechanical engineering from 1872 to 1879, was unveiled on April 5 at the Engineers' Club, New York. The tablet is the gift of the American Society of Mechanical Engineers in tribute to one of its founders and presidents. Dr. Sweet, who died May 8, 1916, was the inventor of the straight-line engine and, at the time of his death, one of the most widely known mechanical engineers in the United States.

He founded the Straight-Line Engine Company to manufacture the new type engine.

One of the outstanding honors he received during his life was the award of the John Fritz Medal by the A. S. M. E. The medal is awarded annually for notable scientific and industrial achievement, and it was conferred on Dr. Sweet for his achievement in mechanical design and for his pioneer work in applying sound engineering principles to the construction and development of high-speed steam engines.

RECEIVES LEGACY

Arthur C. Stallman '30, Mount Vernon, is the beneficiary of the will of his uncle, the late William C. Ungerer of New York, to the extent of one-fourth of an estate estimated at \$800,000.

New York's Big Three

*Texts of Addresses given by President Farrand, Dr. Schurman,
and Myron C. Taylor '94 at New York Dinner*

THE Roll Call dinner, in New York City April 1 was the center of interest for Cornellians throughout the Country because of the broadcast of speeches by President Farrand, former President Jacob Gould Schurman, and Myron C. Taylor '94. The speakers were introduced by Maxwell M. Upson '99 who most kindly consented to be master of ceremonies in place of J. DuPratt White '10 who unfortunately was ill and could not be present. The addresses are given herewith in full.

JACOB GOULD SCHURMAN

The following speech, which was somewhat abbreviated in the eight-minute radio delivery, is herewith printed in full as it was given out to the reporters in advance of the meeting: Fellow Cornellians:

We are calling the roll tonight. And I now speak not only to this multitudinous assembly in New York, but as I am told, to more than 150 gatherings of Cornellians in all parts of our country and of neighboring countries also. It is a great pleasure to me to address you again as I have so often done in the years gone by.

The roll-call is not restricted to our graduates and former students: it embraces all our co-workers, all the friends, helpers, and benefactors of our University, all who now strive and all who in the past have striven, to establish her foundations more surely and to make her service to the nation and to humanity more vital, effective, and uplifting.

And first of all, I salute our pious Founder, Ezra Cornell. A truly ideal American, if ever there was one. A hundred years ago this year he walked one day into the village of Ithaca in quest of work. He had walked that day forty miles. But he found employment, and before long became foreman in a mill in Fall Creek Gorge. If he was poor and remained poor, he was rich in sterling character and in the gifts and graces of a deep spiritual nature. Though he had had little or no schooling he taught himself, like Lincoln, by independent reading and reflection. His tastes, as well as his work drew him to practical science. In later life he associated himself, first as laborer and ultimately as contractor, with the greatest invention of his age, the electric telegraph; and in time he became a multi-millionaire.

But for Ezra Cornell wealth was more than a private possession; it was a fund held in trust for the good of the public. He knew from his own experience how difficult it was for poor boys and girls to secure a higher education adapted to their needs; and so he founded and endowed a University "where any person might find instruction in any study."

This man of broad sympathies, of wise insight, of devoted public spirit, and the most generous benevolence was the Founder of Cornell University. Tonight his spiritual children all over America salute him. All hail, Ezra Cornell!

And with the Founder I salute the first President, Andrew D. White, who was associated with the Founder, as adviser and friend, in all his labors and cares for the new University. Scholar, administrator, diplomat, he rendered high service to the public. He was a man of rare personal charm who was greatly admired and beloved both by the members of the University and a wide circle of friends and acquaintances.

After President White, I salute his friend and successor in the presidency, Charles Kendall Adams, who brought to Cornell high devotion to scholarship and ripe and varied experience garnered in the service of a great state university.

With both these Presidents the chairman of the Board of Trustees was Henry W. Sage, a

friend of the Founder, who like him had not only risen by his own unaided efforts from poverty to wealth but who also sought to use his wealth for the good of his country and the progress of mankind. The Sage College for Women, Sage Chapel, the Sage School of Philosophy, and the Library building and endowment are the monuments of his generosity. A great captain of industry and finance, Mr. Sage's name will always rank after the Founder as the greatest benefactor of the University. His sons Dean Sage and William H. Sage followed him in generous gifts to Cornell.

Hiram Sibley and his son Hiram W. Sibley built Sibley College and endowed the chair of engineering. They were friends of Ezra Cornell, as were also two other friends of the University, John McGraw and his daughter Jennie McGraw, whose names are perpetuated by buildings on the Campus.

The University also attracted to its first Faculty the distinguished Oxford Professor of History, Goldwin Smith. Long after he had ceased to teach, long after he had made his home across the border, his name was given to the new hall of humanities, which still remains the most stately edifice on the quadrangle. When his will was opened it was found that the illustrious historian had left nearly all of his unexpectedly large estate to Cornell University for the promotion of the branches of liberal culture domiciled by Goldwin Smith Hall.

It is remarkable what a hold Cornell University has taken both of rare scholars and leading men of affairs. Mr. Rockefeller, who never gives without thorough investigation, concluded that the gift of a Laboratory for Physics would be a good investment and he provided it. Some years later Mr. George F. Baker gave \$1,500,000 for a chemical laboratory. Mr. Baker celebrated last week his 90th birthday and still holds the leadership in banking and finance which he has exercised for so many years with such conspicuous wisdom and such spotless integrity. And Colonel Oliver H. Payne, who is no longer with us, gave besides the magnificent Hall for the Cornell Medical College in New York an endowment of about \$5,000,000, which his nephew, Payne Whitney, has since greatly augmented.

Mr. and Mrs. Willard Straight have provided as a Students' Union the splendid building which now stands beside the Library. And Mr. and Mrs. Allan C. Balch, both of them, like Willard Straight, graduates of the University, have just completed at a cost of millions of dollars the magnificent halls for women students, which now adorns the Campus extension north of Fall Creek Gorge, where the Women's Hall, donated by Mrs. Russell Sage, was located some years ago.

And they are followed by another graduate, Mr. Myron C. Taylor, with a gift of \$1,500,000 for the benefit of the Law School. Mr. Taylor himself is here and has spoken to you this evening. I am sure you make his heart beat faster with the tokens of your appreciation of his generosity and devotion to Alma Mater.

(Continued on page 338)

Invents Airplane Overshoe

(Continued from page 331)

tubes, slightly expanding them. This moves the ice and breaks the vacuum and since the adhesion to the oiled rubber is essentially zero, the ice becomes a loose object on the plane and is instantly blown away. When flying in an ice-forming region the pilot naturally knows it and will use his air pump while the ice layer is thin. If he waits until the layer is thick, it can be removed with equal ease but by a little higher air pressure from his pump. The expansion of the tube required to loosen the ice is small and therefore the change in aerodynamical characteristics of the wings is but temporary and slight.

TESTS SUCCESSFUL

"Several parts for tests have been made by the B. F. Goodrich Company of Akron, to my design, and tested in Cleveland with entire success. The company has put its facilities and staff at our service and has made wonderful speed to make trial possible before the end of the ice season.

"These overshoes are designed to be applied when needed, that is, like ordinary overshoes, they are intended to be used in bad weather only. At other times they are to be carefully kept in the hangar. They are made to lace on quickly, and with no disturbance to the stresses of any part.

"There is much to be done along lines of design to improve the construction, and in particular to create a light weight overshoe for the wires of certain biplanes. The principle is in hand, but it is a more intricate structural problem to protect wires than to protect the larger parts. The propellers have not been protected, but they, the radiator shutters, and the control wires present no problems of unusual difficulty when viewed in the light of these fundamentals. The pumps and air lines must be made to be automatic in action; they need not be heavy, nor large, for the air volumes are small.

"I can picture the situation next winter, in which the pilot of a protected plane, when he enters an ice region, will have but to open a valve and the pneumatic tubes of the overshoes will automatically inflate and deflate at such intervals that ice will be removed in small pieces about as fast as formed.

"These parts will not be heavy nor cumbersome; about 100 pounds added weight in rubber overshoes for a biplane of a forty foot wing spread.

"Naturally, our next step is to work out various structures and test them in wind tunnels to be sure of the effect of flying when they are deflated and inflated."

FOSTERING OF RESEARCH

HAILED BY DR. FARRAND

President Farrand, speaking at the dinner of the American Philosophical Society in New York on April 3, said that one of the most significant facts of the day was the upbuilding of research on its broadest lines.

The dinner celebrated the 150th anniversary of the granting of the society's charter "to promote useful knowledge." Other speakers were Roland H. Morris, former ambassador to Japan, and Sir Robert Falconer, president of the University of Toronto.

Dr. Farrand pointed out that industry had created great laboratories in which research was being conducted and said that of late there had been discussion among educators as to the effect these laboratories might have on the university world.

"I have never seen," he said, "any sign whatever that the creation of great laboratories by corporations can be anything but a stimulus to the whole field of science."

He reported an "extraordinary" interest by the public in science and suggested that the society should function as a clearing house to supply authoritative facts on science to the public and also to act as a coordinator between the industrial research and university work.

MEDICAL STAFFS HONOR

DR. CHARLES STORY '86

Medical staffs of Flushing Hospital and Dispensary gave a testimonial dinner on March 11 at the Pomonok Country Club to Dr. Charles B. Story '86, chief surgeon of the staff, who recently retired.

When Dr. Story began his practice in Bayside in 1890, that community was a small country village and Flushing, three miles away, was only a little larger. There were no hospital facilities in either village; but Dr. Story, aided by a few friends, obtained a private dwelling which was first used for hospital purposes.

The hospital has grown until today it is one of the largest and best managed institutions of its kind in New York. The number of beds has increased from five to several hundred, and a training school for nurses has been established.

The general annual budget has increased from \$5,000 to \$450,000. Dr. Story has been the leader in this development from the beginning.

Dr. Henry P. de Forest '84 was one of the speakers. He spoke of his personal association with Dr. Story and his two brothers, Elmer G. Story '84 and John H. Story '91.

Other speakers were Dr. A. S. Ambler, Ellis Parker Butler, T. B. Lowerre, Dr. T. J. MacPherson, and William H. Walker.

SUN BOARD NAMED

Edwin P. Young '31, Named Editor-in-Chief—Robert P. Stieglitz '31, Manager

Edwin P. Young '31, Towanda, Pa., was elected editor-in-chief of The Cornell Daily Sun on March 27, succeeding Charles E. Hewitt, Jr., '30, of North Tonawanda. Robert P. Stieglitz '31, Chicago, Ill., was named business manager. The first issue of The Sun published by the new board appeared April 7. Other editors and managers elected are:

Managing editors, Julius F. Brauner '31, Ithaca, and Clarence J. Webster '31, Gouverneur; senior editor, Charles P. Hammond '31, Forest Hills; assistant senior editors, Thomas D. Kelly '31, Spokane, Wash., George M. Michaels '31, New York, and George A. Loeb '31, Philadelphia; column editors, Ernest R. Pope '31, Ithaca, and Edward T. Horn '31, Ithaca.

Associate editors, Richard H. Sampson '32, Chicago, Ill., John W. Sands '32, Baltimore, Md., Louis J. Harris '32, Brooklyn, Byron R. Winborn, Jr., '32, Birmingham, Mich., Albert E. Arent '32, Rochester, John H. Walker '32, Pittsfield, Mass., James W. Oppenheimer '32, Buffalo, William C. Layton '33, Concordia, Kan., David Altman '33, Rochester, and Henry S. Reuss '33, Milwaukee, Wis.

Advertising managers, Folke Becker '31, Brooklyn, and John Pruyt '31, Chicago, Ill.; circulation manager, John E. Rogers '31, Inlet; assistant business manager, DeWitt C. Seward, Jr., '32, New Paltz; assistant advertising manager, Cyrus E. Brush '32, Haffey, Pa.; assistant circulation manager, Robert H. Hartman '32, New York.

Women's editors, Barbara N. Collyer '31, Forest Hills, and Marguerite R. Kline '31, Amsterdam; assistant women's editors, Charlotte E. Prince '32, Binghamton, and Claire D. Couch '32, Ithaca.

Women's business manager, Helen L. Nuffort '31, Newark, N. J.; assistant women's business manager, Frederica G. Ritter '32, Washington, D. C.

LEAVES FOR CHINA

Professor Roy G. Wiggans, M.S. '15, Ph.D. '19, of the Department of Plant Breeding left on April 1 for Nanking, China, where he will spend seven months at the University of Nanking conducting a cooperative project in genetics and plant breeding. The work is supported by a grant from the International Education Board and the University of Nanking itself.

Other agricultural faculty members who have worked in China are Professor Harry H. Love, Ph.D. '09, and Professor Clyde H. Myers, Ph.D. '11.

OBITUARIES

MAY NORTHROP EDWARDS '81

May Northrop (Mrs. Artemas A.) Edwards died on March 22 at the home of her daughter in Westfield, Pa. She was born in Brookfield, Pa., on April 1, 1853, the daughter of George W. and Ellen DeWolf Northrop. She took two years in the science and letters course. She had taught for fifty years in schools in and around Potter County, Pa. In 1881 she married Artemas A. Edwards, who died in 1902. Her daughter, Mrs. Ellen Trowbridge, survives her.

EDWIN DURYEA, JR., '83

Edwin Duryea, Jr., engineer in California, died at his home in Palo Alto on April 1. He was sixty-eight years old, and was a native of New York. He received the degree of B.C.E. in 1883 and of C.E. in 1890. After assisting in the construction of the Brooklyn Bridge, Duryea joined the engineering department of the Northern Pacific Railroad. Later he was connected with San Francisco water companies. His wife and four children survive him.

GEORGE H. NORTON '87

George Harvey Norton, chief engineer of the Buffalo Grade Crossing and Terminal Commission, died on March 3 at the age of sixty-six. He received the degree of C.E. and was a member of Theta Nu Epsilon. He had been an engineer in Buffalo for forty-one years, and had served as city engineer and chairman of the City Planning Commission. Mr. Norton was a director of the American Society of Civil Engineers and past-president of the American Society for Municipal Improvements.

ELWYN B. BENTLEY '91

Elwyn Brockway Bentley, retired president of the Bank of Springfield, Mo., died suddenly at his home there on March 25. He was sixty years old. He received the degree of A.B. in 1891, and took graduate work in 1915-16 and '20-21. He was a member of Phi Kappa Psi and Sphinx Head.

NATHANIEL C. ROBBINS '94

Nathaniel C. Robbins, New York advertising sales representative of the magazine Power, died at his home in Nyack, N. J., on March 15, after an illness of three months, at the age of fifty-seven. He took three years of mechanical engineering and was a member of Phi Delta Theta. In 1900 Robbins joined the Hill Publishing Company, which later became the McGraw-Hill Publishing Company, publishers of Power and other magazines. His wife, Mrs. Edith Evans Robbins, and a daughter, Virginia Robbins, survive him.

Roll Call Reports

Rousing meetings held by Cornell Clubs in all sections of the country

THE interest shown in the Roll Call can perhaps best be understood through the nation-wide responses telling of the meeting of April 1 and the work undertaken by the various clubs or communities. There are given herewith some of the letters and telegrams received by the Cornellian Council office which may serve as a preliminary report of the progress in the drive for membership in the Cornellian Council. At the present moment no detailed report can be published because of the time required to assemble and tabulate the individual returns.

ALBANY

Our Cornell meeting was held as planned at the Woman's Club on the evening of April 1. There were nineteen women out, most of them them graduates of recent years. All seemed to enjoy getting together and all were charmed with Helen Worden '30. There was quite a group who staid until midnight to "listen in" to the Cornell banquet, and even then the evening was not long enough.—MRS. MILTON G. NELSON (HELEN M. STEARNS) '09.

AUBURN

In spite of the very inclement weather, our Cornellian Council Roll Call was attended by about thirty, who listened with pleasure to Professor Lyman Wilson, and also addresses by Professor Morehouse, principal of Auburn High School and president of our newly reorganized Cornell Club, and its other officers and members.

You may be interested to know that the newly reorganized Cornell Club has already rounded up two splendid students for the University, both being leaders of the graduating class in scholarship, and one of whom should make the Glee Club.—EDGAR S. MOSHER. '00

CHICAGO

Kindly accept my heartiest congratulations upon the splendid programme you put on the air last Tuesday night. We enjoyed every word of it, as well as the singing. President Farrand made a ringing good talk, and it came through as clear and natural as his talks in Baker and Bailey Hall. Taylor's address was pleasing, and well calculated to be of extreme interest to non-Cornellians.

The Cornell Club of Chicago did not have a meeting on that occasion. The Cornell women, under Mrs. Shorey's direction, held an interesting meeting. Mrs. Gurley and I, with some non-Cornellian friends, listened in.—WILLIAM F. E. GURLEY '77.

DELAWARE

A meeting of the Club was held at the Wilmington Country Club on the evening of April 1st. Routine business was transacted and the following new officers were elected for the coming year: president, Frank H. Thomas, Jr., '21; first vice-president, Edwin F. Koester '13; second vice-president, Lynde H. Ryman; treasurer, Emil J. Zimmer '26; secretary, Alvin L. Satterthwaite '22; trustees, Alfred D. Warner, Jr., '00, and Everett G. Ackart '05.

Frank H. Mc Cormack '10, chairman of the Cornellian Council Roll Call for this district, then introduced Professor Leonard C. Urquhart '09, who made a very interesting talk on the purpose of the Roll Call and gave us the latest news from Ithaca. After the conclusion of Professor Urquhart's remarks we then had the pleasure of listening by radio to the speakers at the banquet in New York.

In the past the Cornell Club of Delaware has held meetings at irregular intervals upon the call of the President. We now plan to hold a luncheon meeting at least once a month and this will probably be on the first Friday of each month. We shall notify you definitely in regard

to the time and place, after this has been finally arranged, and will be glad to have any visiting Cornellians with us at our luncheons or any other meetings.—ALVIN L. SATTERTHWAITE. '22

FLORIDA

Cornellians in Florida also joined in on the April 1st program, although maybe not in so great a number as in other localities. A smoker and dutch supper was held in the Forest Hills Down Town Club Room that evening at which the following Cornellians were present: George B. Howell, '17, president of the local club; Chester A. R. Kurtz '20, secretary; Roger W. Clapp '15, geographical representative for the Cornellian Council Roll Call; Dr. Carlton Deedera '04; Walter C. Lunden '16; Carl R. Couch (Kautsch) '13; Edwin W. Folsom '24, all of Tampa, and Victor O. Wehle '24, vice-president, St. Petersburg; John T. Sautor '73, Clearwater; Francis T. Brinkley '73, Baltimore, Maryland; and Henry C. Handelman '16, Lake Wales. Stanley Bierce '73 was unable to be with us that evening.

The meeting was very informal until the hour set for the radio program to be broadcast from the Hotel Commodore. Reception here was excellent, considering weather conditions, the program being received best through the Hopkinsville, Kentucky station.

Florida Cornellians regret that they should be so far distant from the campus but show a real Cornellian spirit whenever they gather together locally.—CHESTER A. R. KURTZ '20.

HARRISBURG

I want to compliment the Council for the splendid program which was relayed from New York, and which was perfectly received by us at Harrisburg. Most of our Cornellians who attended the dinner stayed for the radio broadcasting hour, although a few of the alumni who live in towns distant from Harrisburg, such as Lewisburg, Pottsville, Chambersburg, and Shamokin, left before the radio program came on.

We had a most successful dinner, and I am sure aroused enough enthusiasm among all those present to warrant a substantial increase in the number of Council members in this territory. Professor Guerlac gave a very fine talk, and no doubt awakened a great deal of latent Cornell spirit.—HERMAN A. HANEMANN '17.

LOS ANGELES

We had a rousing meeting last night, attended by 112 loyal sons and daughters of Ezra, and I hasten to thank and congratulate you on the excellence of the program and the perfection if its transmission and receipt by us. It came in excellently and made a great hit.

Tell the Organizing Committee in our behalf, that we are very grateful indeed for the message which you sent us, and assure them that it came to hearts warm with the spirit of our great founder.—STERLING C. LINES '99.

NEWBURGH

A meeting of the Cornellians of this district was held on April 1st at the Newburgh Y.M.

(Continued on page 342)

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WHY A ROLL CALL?

THE ambition of the Rochester Cornellians to win banners from all Cornell clubs of similar magnitude adds a flavor of sport to the roll call that will naturally prove attractive to many of the participants.

The task of taking the championship away from Yale is another worthy objective. Yale is the pioneer in this sort, and most others, of alumni effort. Her leadership has hitherto been challenged only by those with small enrollments but large percentages.

There will nevertheless be alumni who will seek more convincing reasons for a huge effort that will result in comparatively small cash returns. Assuming that Cornell wins first place from Yale, what can she do with it?

There are two fundamental facts on which Cornell can base her future calculations. First, she is now receiving annually from alumnal bequests an aggregate of several hundred thousand dollars. Second, with a matriculation of over two thousand new Cornellians each year for the past twenty years, but with an an-

nual loss by death of only a little over two hundred, she must look to a multiplication by ten of her annual loss in the period of less than thirty years.

The normal alumnus who has formed the habit of giving to his university during his lifetime looks forward with pleasure to the opportunity of bequeathing a tithe of his fortune, or possibly the residue, to perpetuate in that institution some trace of his presence and influence.

The new members of the Cornellian Council will begin to form the habit of annual giving to the University. The actual new cash income will be slight. It is not even thought of as part of the object of the drive. Eventually, though, this group of donors of small sums each year will build into Cornell a stability that means permanent leadership in her field. The next thirty years will be years of struggle, perhaps; but Cornell, with the results of this "drive" and we hope many more to come, can look into the distant future with the equanimity that is born of a proof that she is in the hands of her friends and that those hands are many and large.

COMING EVENTS

THURSDAY, APRIL 17.

Schiff Foundation Lecture. Dr. Camillo von Klenze. "Intellectual Currents in post-war Germany." Room A, Goldwin Smith Hall, 8:15 P. M.

FRIDAY, APRIL 18.

Schiff Foundation Lecture. Dr. Camillo von Klenze. "The German Spirit and its Influence Abroad: An Historical Survey." Room A, Goldwin Smith Hall, 8:15 P. M.

Cornell Dramatic Club. "The Cradle Song," by Gregorio Martinez Sierra. University Theatre, 8:15 P. M.

Fencing. Intercollegiate Finals at New York City.

SATURDAY, APRIL 19.

Baseball, Columbia. Hoy Field, 3:00 P. M.

Cornell Dramatic Club. "The Cradle Song." University Theatre, 8:15 P. M.

SUNDAY, APRIL 20.

The Rev. Harry F. Ward, Union Theological Seminary. Morning service at 11 o'clock; vesper service at 3:30 o'clock.

WEDNESDAY, APRIL 23.

Baseball, St. Bonaventure. Hoy Field, 3:30 P. M.

SATURDAY, APRIL 26.

Baseball, Ohio State. Hoy Field, 3:00 P. M.

PROFESSOR JAMES HARVEY ROGERS, formerly of Cornell and more recently of the University of Missouri, returns to Yale, his alma mater, this fall as professor of political economy. He will teach in the Graduate School.

PHYSICIST HONORED

Franklin Institute Awards Levy Medal to Professor Floyd K. Richtmyer '04

The Louis E. Levy Medal of the Franklin Institute of Philadelphia is to be awarded this year to Professor Floyd K. Richtmyer '04, professor of physics. The honor was granted for Professor Richtmyer's paper, "Some Secondary Phenomena in X-Ray Spectra." The award will be conferred on May 21.

ADVANCED DEGREES GIVEN

TO THIRTY-NINE STUDENTS

At the meeting of the Faculty of the Graduate School on March 28 thirty-nine advanced degrees were recommended to the Trustees as of February 6, distributed as follows: A.M., 6; M.S., 8; M.S. Agr., 1; M.C.E., 1; Ph.D., 23. The following nineteen alumni are included in the list:

A.M.: Elizabeth Baker '28, Josephine A. Hill '27.

M.S.: Ernest C. Abbe '28, Howard W. Beers '29, Lucy E. Boothroyd '28, Harold F. Dorn '29, Harold C. Grinnell '21, Stephen Moi Kee Hu '28, Chien Yu Tsai '29.

Ph.D.: W. Storrs Cole '25, Raymond H. Fleckenstein '22, Gemma Jackson '23, A.M. '26, Minna F. Koch, M.S. '27, Roy O. McDuffie, A.B. '18, B.Chem. '20, Robert G. Maxwell '25, Andrew P. Pelmont, A.M. '27, Donald T. Ries '25, Charles B. Rutenber '21, Ward B. White '08.

Constance Connor Brown, who took her A.M. degree in this group, is the daughter of Mr. and Mrs. Herbert D. Brown (Harriet Chedie Connor '94) of of Washington, D. C. She has been an assistant in the Department of Public Speaking. Donald T. Ries is the son of Professor and Mrs. Heinrich Ries.

THE STATE LEGISLATURE has appropriated, it would seem very liberally, for the needs of the state college here. Of course, the inclusion of the colleges in the state's retirement fund is a matter of the utmost moment to the teachers here. But that is dealt with elsewhere, as likewise, I suppose, are the splendid authorization of an Agricultural Economics Building at a cost of \$650,000 and the appropriation of \$96,000 for an agricultural survey. [M.G.B.]

CLYDE W. MASON, Ph.D. '24, assistant professor of chemistry, gave a paper on "Spectrographic Analysis" at the seventy-ninth meeting of the American Chemical Society. This was held in Atlanta, Georgia, during the week of April 7.

THE WEEK ON THE CAMPUS

THE SUN, in conjunction with most of the other college dailies of the country, took a prohibition census of the undergraduates in the week before vacation. 2196 ballots were polled, from which the following statistical table was erected: 1513 drink (i.e., 68% of the voters); 683 do not drink; 1400 do not get drunk. Those in the last category explained their abstention as follows: 68 because of legal restrictions; 103 because of family restrictions; and 620 because of personal taste. Further, only 60 favor prohibition as it stands; 1144 favor modification; 542 favor total repeal; 246 non-drinkers favor modification; 79 non-drinkers favor repeal; 646 drink and do not get drunk; 671 drink and do get drunk.

THE NEW YORK TIMES scans the results of the collegiate poll with eagerness and portentous beard-waggings. "Because the ideas and expressions of youth often presage an important change in opinion and action, the current polls must be held as highly significant." But did you notice, Mr. Ochs, that nearly three thousand undergraduates were not sufficiently interested to enter the polling-booths and cast a vote? More than half the student body is pretty well bored by the whole business, and quite right too.

NATURALLY prohibition has been much in the news. An item for your meditations: in the public discussions and balancings of past evil against that of the present, the Jag Car reappears on a regular hourly schedule. It has become a symbol of great mythagogic power. "The Jag Car!" prohibitionists cry, and shudder into silence. It is pictured as a travelling midnight hell, with half its passengers insensible and the others gashing the conductor with bottles. On slippery nights what dripped on the tracks? Blood and sand. I ask you, is this legend accurate? Why of course sometimes the car was pretty loud and gay. But normally, I mean; say five nights out of six?

NOW LOOK ON THIS PICTURE: "The Harvard Crimson reports that a new racket has appeared at Harvard. The novel plan adopted by some enterprising bootleggers was to strong-arm students into the purchase of liquor by threatening and bullying them."—The Cornell Sun, April 9.

BUT DEAR ME, we must get to business. The Sophomore Smoker was held on April 12, in Willard Straight Memorial Hall. It was pretty rowdy, as has been the custom of the past two years. The football team kept the Freshmen outside the building (the trouble with having fine furnishings in the home is that the children have to go outside to play) but there was a great deal of stripping and

hanging clothes on trees. That is all right, too; undressing has always been the funniest thing in the world. When the ragged sophomores at length assembled they were addressed by General Verbeck of Manlius School, and Andy Kerr, the coach at Colgate.

ARTS won the intercollegiate indoor track and field championship.

THE NEW TELEPHONE system has been installed; a phone in every dormitory room. But we are already outdone. M.I.T. has announced that its new dormitory will have a radio outlet in every room.

WEAI is about to increase its power to 1000 watts. The increased power should make the programmes available to northern Chenango, Madison, Onondaga, and Monroe counties.

THE CLEVELAND ORCHESTRA, under Sokoloff's direction, gave two splendid concerts, the first being one of the University Music Series, the second being aided by the Schiff Foundation.

TWO LOCAL STARS, Miss Mildred Heckman, violinist, and Professor Vladimir Karapetoff, pianist, gave the Sunday afternoon recital on April 13.

THE DRAMATIC CLUB put on a major production, Martinez Sierra's "Cradle Song" on Saturday. Maybe there will be a chance to return to this next week.

KERMIS, which you remember as a general Agricultural Club, has become a dramatic organization, which will engage in one major and several minor productions annually. Through the beneficence of Henry Morgenthau, Jr., '13, it offers a yearly prize of \$250 for an original play.

THE LECTURERS: Professor J. Penrose Harland of the University of North Carolina, "Prehistoric Greece"; Dr. Herbert Friedman of the United States National Museum, "Social Parasitism in Birds"; John J. O'Connor of the United States Chamber of Commerce, "Business Associations and Business Stabilization"; Professor Henri de Ziegler of the University of Geneva, "La Part de la Suisse dans l'histoire des lettres françaises"; Dr. Karl von Frisch of the University of Munich, "The Senses and Language of Bees"; Professor J. Arthur Thomson of the University of Aberdeen, "What is Life?"; Hubert J. Foss of the Oxford University Press, "What Modern Music Means"; Professor E. Allison Peers of the University of Liverpool, "Spanish Mysticism"; Sir Wilfred Grenfell, "The Challenge of Labrador"; and Gilmour D. Clarke '13, "The Design of Parks, Parkways, and other Recreational Areas."

THE SAGE PREACHER was President Charles F. Wishart of the College of Wooster.

TAXATION has concerned administrative minds here lately. It was announced that \$300,000 worth of University property, hitherto untaxed, would be added to the rolls. The total taxable property of the University was listed at \$505,750. Then this total was, on appeal, reduced by \$220,000. The Faculty Apartments form the chief addition to the taxable list.

ITHACA ITEMS: They may begin work on the new Ezra Cornell Inn almost anytime . . . Ezra Williams, of here, fell 119 feet into Fall Creek Gorge beside the Stewart Avenue Bridge. Both legs were broken, but he is recovering. He was rescued by the gallant work of Thomas S. Jones and Trooper H. W. Reilly of the State police, who rode a cable from the bridge to the bottom of the gorge . . . The Lackawanna broke all westbound records by a student special which made the run from Hoboken in 5 hours and 31 minutes . . . They are setting out 30,000 red pines on the Six-Mile Creek watershed . . . Dean Dexter S. Kimball of here presented a gold medal to President Hoover at the 50th Anniversary proceedings of the A. S. M. E. . . . We are agog about the egg-sandwich-and-onion case, now being tried in the court house before Judge Ely W. Personius '98. Charles Kellogg of Interlaken ordered an egg sandwich in Potter's Restaurant in Trumansburg. After the order was given he gave instructions that onion be added to the egg. This was done, and five cents added to the bill. Mr. Kellogg refused to pay, maintaining that onion is added to egg by way of flavoring, as a sauce or condiment. Mr. Potter, taking the opposite view, threatened Mr. Kellogg with arrest, and called a policeman. Mr. Kellogg was arrested, tried by jury, and adjudged not guilty. He is now suing for damages of \$3000 for unlawful arrest. Obviously a far-reaching basic principle is at stake. What is an onion?

OLD-TIMERS: I note two Cornell names in the list of Guggenheim Foundation appointments: Dr. Hyman C. Berkowitz '18 of the University of Wisconsin and Dr. John P. Nafe Ph.D. '24 of Clark University . . . Victor Emmanuel '19 ran a horse in the Grand National . . . Jacob Sloat Fassett '12, known on Broadway as Jay Fassett, gave a vocal concert in Steinway Hall on April 13 . . . Franchot Tone '27 has the second male lead in the Theatre Guild's play "Hotel Universe," about to open in New York.

"'LIVING CREATURES are always attempting the impossible and schieving it,' he quoted from Guerta."—The Cornell Sun. Guerta's "Fowced"?

M. G. B.

New York's Big Three

(Continued from page 333)

Buildings are indispensable, but they do not make a university. I desire therefore especially to signalize the benefactors who have endowed professorships and funds for research. There is not time to mention them all, but I single out as a fitting representative of the group, Mr. August Heckscher, who donated to the University a large fund for the support of original research by members of the Faculty.

I recall all those also who have provided assistance for needy and meritorious students; and as worthy representatives of this group I mention the splendid benefactions of Mr. Guiteau and his sister Mrs. Howe.

All these friends of our University, named and unnamed, whether on earth or in the world of spirits, we praise and all-hail this evening. The seeds they have planted are bearing precious fruit. We pledge ourselves anew to foster and cultivate them. We recall as a hopeful augury for the future that the oldest secular survivals of European capital are the funds invested in colleges and universities.

Cornell funds have been wisely invested. For this invaluable service and for the care generally of the material interests of the University we are indebted to the Board of Trustees and its officers and agents. From the days of Ezra Cornell and Henry W. Sage there have been men of conspicuous ability and unselfish devotion to the University on that Board. We congratulate them on their good work. It inspires the friends of the University and the general public with confidence.

The presidency of a great university is one of the most difficult offices in America. Tonight we hail President Farrand and congratulate him on his successful achievements. And we pledge ourselves to uphold his hands in his future labors.

And now comes the climax of our roll-call. The quintessential elements of a university are the professor and the student. To them all others are ancillary and instrumental. We hail tonight the thousands of teachers who have labored so unselfishly and devotedly for our University. They have been poorly paid, they have had to stint themselves and deny not merely simple luxuries but even proper comforts to their families and modest provisions for their future; but the work they did is written in the tablets of tens of thousands of minds and will endure as long as these survive. There have been Cornell teachers for over sixty years. Tonight we pay homage to them all. We honor and praise them for their high and unselfish service.

Finally I call the roll of the students of the present and the past, a body of many thousands, the undergraduates in Ithaca, the rest scattered over the world. They are the final cause of the University; for them it functions, for them teachers and administrators and trustees all perform their appointed tasks. The supreme object is their education—and with it, the enlargement of the boundaries of science and scholarship, through which and by means of which they are educated.

But education in the highest sense of the term is a making over of the individual, a kind of recreation. Cornell University has given to tens of thousands of undergraduates the opportunity of an intellectual new birth. Nay, it has through its teachers stimulated and assisted them in that re-creative process. Some teachers have been more helpful than others, some students more responsive, but there can be few old students and alumni, if any, whose minds have not been enlarged and vivified by their education at Cornell.

Your Alma Mater asks of each of you that you shall make the most of yourself in the world. She also asks of each of you that you shall give the most you can to the world. If fortune has favored you with a surplus of worldly goods remember what you owe to

your community, and also what you owe to your Alma Mater who has nourished and educated you. Be good citizens. Be good Cornellians.

And now, with best wishes for each and all of you, I bid you affectionately Good Night.

PRESIDENT FARRAND

Mr. Chairman, Cornellians and Friends of Cornell:

I am particularly glad to bring a hearty greeting from Ithaca to the alumni who are gathered to night at meetings in one hundred or more cities in the United States and Canada. The knowledge that these gatherings are launching the Roll Call makes me eager to give a word of cheer and encouragement to those engaged in the enterprise.

The alumni of Cornell have shown their loyalty on many occasions and have demonstrated in a notable way one of the most significant aspects of American university development. In no other country in the world do we find that attachment of a graduate to his Alma Mater which has been one of the chief factors in the dramatic growth of American colleges. Important and indispensable as the financial expression of that devotion may be, it is not that thought which is in my mind at the moment. I am thinking particularly of the value to Cornell of a living constant touch and relation between the University and its graduates. It is that touch which more easily and effectively than any other can keep an institution like ours abreast of the demands of the times and of the country which it is established to serve. By the same token the presence and influence of its graduates in professional and business life makes more immediate and more easily applicable the results of the researches in science and in every field of learning which have come to be so important a part of the function of any centre of higher academic education. The public appreciation of the value of research and the discovery of new truth is one of the encouraging signs of the times in our industrial and civic development. It has its dangers, for more is expected than can be forthcoming with the limitations of the human mind. Epochal discoveries are necessarily as rare as the great minds which are competent to form the concepts and test their truth. At the same time nothing is more valuable than the habit of the probing mind; the habit of independent judgment; the habit of the fearless acceptance of tested facts and that is the habit of mind which the modern university seeks to foster.

And now I may return for a moment to the particular object which brings us together tonight, the Cornell Roll Call. The term has been borrowed from a great American organization, the Red Cross, and I think the experience of that society has a direct suggestion for us. Making all allowance for the irresistible influence of a national crisis, there is no doubt at all that the magnificent accomplishment of the Red Cross in the War and the almost equally impressive hold in public confidence which it has developed since 1918 is due to the largeness of the conception of its opportunity and of its responsibility, which was the contribution of the War Council under the superb leadership of Henry P. Davison. He refused to see the situation in the conventional dimensions to which past experience had accustomed our thinking. His vivid imagination embraced an organization based on the simple desire to do something for someone other than oneself and to which theoretically every man, woman, and child in the country might belong. It was the simplicity and the size of the conception which gave it its appeal and its vitality.

So in a more limited field I beg that you will think of our Cornell not as an isolated, cloistered group of buildings on that Hill above Cayuga or as an institution, which is restricted in its outlook to the problems of the immediate present, but rather to conceive of it

as a great centre of sound learning and enlightened teaching; vigorous and forward-looking; with its aims far-flung but tempered by experience; and its ideals held always at the highest that human aspiration can construct. To that end every alumnus is summoned to give his support and I, for one, believe the Roll Call will be answered.

MYRON C. TAYLOR

Mr. Chairman, Distinguished Guests, Fellow Cornellians:

It is a very great honor and privilege for me to be present here this evening and to occupy this platform in company with the distinguished President of our University, Dr. Farrand, and once more to occupy a platform with our past President, Dr. Schurman.

On that other occasion when I had the privilege of meeting Dr. Schurman on a platform, the time that I remained in his presence was very brief compared with that which has been accorded me this evening, but as I left his presence on that occasion I carried in my hand a small roll of parchment, beautifully tied with ribbon, and embossed on the inside with letters which to me were letters of fire, sealed with the Great Seal of the University, and which gave me the feeling that I had the right to go out into the world, as a thoroughly well educated young man! I promptly learned of my error.

I have struggled diligently since that time to make myself somewhat worthy of that mark of respect and confidence which the University accorded me on that occasion.

It is also a great pleasure for me tonight to see here present the Trustees of the University, with whom I have had the honor for some time to serve as a member of the Board; and I am particularly privileged to bring you a message from a venerable member of the Board of Trustees who expressed to me this afternoon very great regret at his inability to be present. As a benefactor of the University, as its continuing friend and well wisher, none stands in a more favorable position than does Mr. George F. Baker.

They say that very strange things come out of Wall Street. The subject on which I have been assigned to speak this evening is "The Cultural Values of Education." It seems a bit strange that Wall Street should be called upon to speak upon that particular topic. But having been called upon to do it, I will, so far as I am associated with that narrow thoroughfare, undertake the obligation to speak for it to the best of my ability.

Cornell must play, and is playing, a great part in supplying its entire student body with at least a glimpse of those cultural studies which awaken and expand one's appreciation of life and its beauty and its goal, and those arts which have been described as "mediators between the soul and the infinite."

The importance of education as a determining influence upon the future stability and welfare of the nation is no greater than its effect upon the life and welfare of the individual. Stated briefly, our position as a nation, and of ourselves as citizens, after the close of the first quarter of the twentieth century, contrasts in strong relief the condition of the four million people of the original thirteen states with that of the 120 millions now constituting our population.

Of our present citizenry approximately one-half are descended from the colonists. The remainder of our population are either descendants of those who came from various lands since the founding of the Republic, or those born elsewhere who have sought our shores to enjoy our unrivaled opportunities and our liberties.

Opportunity for education in the early days was necessarily restricted, and the number of those who could spare time from the heavy labor of building a nation in a wilderness was likewise small. But the importance of educa-

tion to the individual, and its influence in determining and assuring the stability of the state, was even then generally recognized.

Our forefathers studied as they toiled. In Colonial days children were apprenticed to trades, but the law made it compulsory for the master to give them a certain amount of schooling throughout the year.

The definite aim of our Colonial ancestors was to train the minds as well as the hands of the young. Thaddeus Stevens, the great champion of public education in Pennsylvania, in his home town in the State of Vermont made shoes in the morning and taught school in the afternoon.

It has been quite aptly said that "neither the perils of war, nor the busy pursuits of gain, nor the excitement of strife ever caused the Dutch to neglect the duty of educating their offspring to enjoy that moral freedom for which their fathers had fought."

Later, when Penn came to America, he brought with him the mandate of law imposed upon all parents "that they be diligently exercised in this care and concern for the education of those committed to their charge"; and of their education Penn says: "For their learning must be liberal. Spare no cost; for by such parsimony all is lost that is saved."

Our earliest colleges and institutions of learning are silent monuments to the fundamental principles of education upon which our emigrant ancestors founded our nation, and today the successors of these early institutions are the bulwarks of our nation.

Time will not permit me to trace the growth from the seeds of education planted by our forefathers two centuries or more ago. The steady and unprecedented growth of our institutions of learnings is not confined to them alone, but is shown in our industries and in all things pertaining to our civilization.

In our earlier days—in fact, until recently—a very substantial part of the population of the country lived upon the land and was engaged generally in its cultivation. In 1790, when the first census was taken, only three per cent of the inhabitants lived in towns or cities, while the remaining 97 per cent lived upon, and in one way or another cultivated, the soil. At the present time this situation is practically reversed, for, with the improvement in methods and mechanics of agriculture, it has been found that sufficient products to supply the nation's needs, and with some to spare for foreign sale, can be obtained from the soil by the labor of less than 25 per cent of our population.

Industry has likewise shown remarkable transformation in this period, the reduction in numbers of those engaged in agriculture being more than made up by the increase in the population of our cities and towns, most of whom are engaged in manufacturing or in mechanical pursuits, so that nearly 30 per cent of the population is now so occupied. In addition, great numbers are employed in mining, in mercantile trades, banking and commercial operations of all sorts, in transportation, and in a vast complexity of other enterprises. The advent of cheap power, applied mechanically, has so reduced the burdens previously borne by men, and has so increased the productivity of his efforts, that, generally speaking, the production per man has been multiplied many fold. This has been particularly true during the last twenty-five years. The earning capacity of man has been correspondingly increased, and, his purchasing power being stimulated and improved, a vast volume of business has resulted, and the condition of the entire community relating to enjoyment of the necessities of life, as well as a great variety of privileges, luxuries, and entertainments, has been raised to a level heretofore unparalleled in any period of the world's history. All elements of life and values have been able to maintain a high standard of living and of compensation for services. We have multiplied the wealth of the nation and its per capita wealth in a miraculous manner.

To illustrate: It is reported that at the beginning of the Republic, 140 years ago, we had a population of some four millions, an annual income approximating 400 million dollars and a national wealth of 500 million dollars; while at the present time with a population of 120 millions, or thirty fold as great, the annual income has increased over 190 times, or to 76 billions of dollars, and the national wealth has increased 700 times or to 350 billions of dollars. This represents an economic growth of a magnitude and attained with a rapidity unknown in the history of mankind. In this tremendous growth in values and in income, all classes of the community able and willing to work have played a part, and have shared measurably in the distribution of the ensuing benefits.

The period to which I have briefly alluded might well be described as the development cycle in agriculture, mines and minerals, commerce, banking, industry, and transportation. This development has been so steady, and we, and the generations preceding us, have been so fully occupied in contributing to its creation, that we have scant opportunity to gain definite impressions, or a sufficiently distant perspective, to see whither we are tending, and whether our further journey through the years may not be attended by reactions and by possible failure to realize the great opportunities for continuing and permanent welfare which lies before us. These great evolutionary changes have been the fruit of the efforts of a strong and virile race planted in the wilderness, whose impetus, once its vigorous upward swing had gained its full stride, was bound to carry the nation to the greatest heights.

This great development, the fruit of the seed sown by our ancestors and aided by all who have joined their fortunes with ours in later days, is not at an end, but is in reality only in its inception. We are on the threshold of another great cycle, from which, due to the inventive genius of our people, their natural progressiveness, and their willingness to labor, will come developments, through further improvement upon present methods of production, improved machines, and the still further application of mechanical power, that will heighten productive possibilities, effecting economies in the cost of commodities of all sorts and affording to an ever widening circle of the community the fullest enjoyment of these opportunities. As a necessary consequence of these great changes man will find more free time at an earlier period of life than has been possible in the past, and the question will naturally arise, how shall he spend that time to his own advantage as well as to the advantage of those with whom he is associated? Our great laboratories and scientific men, and the younger groups of men who are making research their chief effort, will reveal, at the moment when Providence so ordains, still more marvelous things than any that have heretofore been brought within man's grasp, and endless opportunities for his further cultivation and enjoyment of life will thus be opened to him. All the more reason exists therefore for preparation to fit him to enjoy the new-found freedom that assuredly awaits him. If the facilities are not provided to direct properly his life and activities, he may fall into ways of retrogression. He must, in the formative period of his life, be directed into such paths as lead to the highest development of his best intellectual powers. The cultural side of man must in this new cycle be given prominent attention, that in his hours of freedom from the practical affairs of life he may have a forum in which to indulge his mind and soul in ways uplifting and exalting. Whatever may follow after it, we have before us in this country the opportunity, for at least a century, to live this earthly life at its best and on the highest level. To do this depends solely upon how we fit ourselves, as a mass and as individuals, to realize the best of our remarkable opportunity. The study of the arts will awaken the senses to the

refinements and the culture possible to those whose steps are guided toward the idealistic, and so filled with wonder and promise that no one who has been initiated can be found traveling but upward and onward. The love of beautiful things, the satisfaction that follows upon indulgence in refined and soulful pursuits, afford a more enduring satisfaction than do any other diversions. Love of beauty, an inquiring mind as to higher spiritual things, is evidenced as a growing force in the community by the eagerness with which the public may now be found in great numbers visiting the galleries, the museums, the public libraries, and the great halls where the highest class of symphonic music is performed. And so on down the line of exhibitions and entertainments, where art in any form prevails, there is an endless line waiting to enjoy its soul-satisfying qualities.

To prepare for this new cycle, which our youth and our growing leisure open to us, it is the duty of all institutions of learning so to expand their facilities that they may offer in the best possible form, to all who attend upon the vocational courses, a general knowledge of the arts and sciences, thereby awakening in the youthful mind a definite interest which will provide a key to open the doors of the mind to that illimitable treasure-house wherein lie life's greatest treasures. I prophesy with unlimited confidence not only a continuing interest but a renewed enthusiasm for a new and greater College of Fine Arts at Cornell.

If education is to accomplish anything, it must build character, inculcate and strengthen sound ideas through a true power of analysis, and an ability thoroughly to examine facts. It should teach men greater self-respect. It should impose and exalt man's humanity to man. These and other influences which follow from it should help to maintain the stability of the community, and preserve and defend it against false prophets and extremists who from time to time appear in our midst.

In the cycle through which we have been passing we have perhaps had our minds too closely concentrated upon material things. It becomes our duty now to lift our eyes to the hills, that we may be given strength to cultivate the artistic, the more perfect and the more soulful and eternal things of life. For those things which transpire in the province of the mind determine in the greatest measure man's enjoyment and true accomplishment in his earthly pilgrimage—for "as thou thinketh, thou seest; as thou seest, so it doth become. If God, God; if man, man; if dust, dust."

'84 HOLDS REUNION

The Cornellian Council Roll Call dinner held at the Hotel Commodore in New York on April 1, served as an opportune occasion for holding the 46th-year Reunion of the class of 1884. All accessible members of the Early-Eighties were invited to be present. Those in attendance were Willis A. Huntley '80, Charles S. Leeds '80, Lee J. Vance '80, Hosea Webster '81, Herbert D. Schenk '82, Henry W. Smith '82, Charles R. Browning '83, Evarts L. Prentiss '83, Herbert L. Aldrich '84, Henry P. de Forest '84, Frank P. Ingalls '84, Elmer G. Story '84, Lewis H. Tuthill '84, Timothy S. Williams '84, Frederick S. Benedict '85, Robert J. Eidlitz '85, George B. Dusinberre '86, Francis Kaley '86, Ernest Merritt '86, F. Leon Chrisman '87, William . Romer '87, Edwin N. Sanderson '87.

THE
SWINGING BRIDGE

ON WINNING ALL THE TIME

When talking to a friendly old grad, mournful over some athletic defeat, I feel like asking (and sometimes do), 'Do you really want our teams to win all the time? Would it be good for sport?' It is a larger question than of Cornell only: for every victory there must be a defeat; in the whole college world, defeats and victories exactly balance. Every weekend half the colleges in the country must accept defeat. What would be Cornell's reasonable share of victory?

The enthusiastic alumnus, I imagine, would like to have accrue to us, every single year, a majority of victories over our major opponents in every major sport. I submit that a fairer way of counting is to balance one sport against another, to balance our lean years against our fat years, and to feel satisfied if in the long run we are approximately even with our major competitors in our major sports.

One is led to these reflections by the fine victory of our wrestlers in the inter-collegiate meet, and by the fine victory over Michigan in the indoor track meet. Success in wrestling comes to no weaklings. Cornell scored 22 points. Good. Pennsylvania scored exactly zero. Does it mean that Penn students are weaklings? Cornell men will not think so. Cornell doubled Michigan's score. Was Michigan an unworthy competitor? Cornell does not think so. Let us not attach a life and death importance to scores in any one year. The real sporting issue is, Was the opposition plucky? Was the sport good? In the long run, with fairly matched opponents, the scores will iron themselves out to something like a parity.

Perhaps I am barking up the wrong tree. After all, to the average follower of college sports, it is football that counts, and often football only. I submit that this doesn't square with normal ideals. Surely we would not trade our high proficiency in the whole range of sports to be only a football college, however unbroken the string of victories. I have seen every Cornell football game played at Ithaca in the last twenty-two years. I had rather see a victory than a defeat, but after seeing all these games for all these years, I am dead certain, as an old football player, that we have no reason to be ashamed of Cornell football or of the courage and sportsmanship of the Cornell teams.

Well, this is an attempt to be philosophical, and probably won't carry conviction.

M. W. S.

Diplomat is Dead

*Albert H. Washburn '89 Dies in Vienna—
Had Served as Minister to Austria
and in Other Posts*

Albert Henry Washburn '89, former United States minister to Austria, died April 2 at Vienna. He was 74 years old. Death was due to erysipelas and blood poisoning which developed from an accidental scratch on his leg.

Mr. Washburn was born in Middleborough, Mass., in 1866. He took his Ph.B. degree at Cornell and studied law at Georgetown University. Between these two periods of study he served as the United States consul at Magdeburg, Germany.

From 1897 to 1901, after his admission to the bar, he was an assistant United States attorney in Massachusetts.

In 1922 he was appointed minister to Austria by President Harding, and when President Coolidge took office in 1923, he was requested to remain at his post.

Last January Gilchrist B. Stockton was named by President Hoover to succeed Mr. Washburn.

In 1923 and 1924, Mr. Washburn sat as chairman of the mixed commission which untangled commercial disputes between Austria and Yugoslavia. He was also appointed a delegate to the commission of jurists to consider amendments to the laws of war which sat at the Hague in 1923.

During his term as minister, two important treaties were made between the United States and Austria, one providing for most-favored-nation commercial relations and the other for the extradition of criminals.

PROHIBITION POLL

Results of a poll among undergraduates on the question of prohibition, conducted by the Sun, showed that 1,144 students favor modification of the Eighteenth Amendment and that 542 favor its repeal.

Sixty voters favored present prohibition and 387 favored stricter enforcement.

The poll at Cornell was conducted jointly with votes in other colleges, and a tabulation by The Harvard Crimson showed 24,000 votes cast in fourteen colleges, of which 16,595 were for repeal or modification, while 4,517 declared for strict enforcement.

At Cornell the total vote was 2,196, and 1,513 voters admitted they drank. Of this number, 673 stated that they got drunk.

Princeton showed the greatest percentage of wetness, with 79.1 of the voters admitting drinking. Cornell stood fourth on the list, 68.6 per cent. Amherst was second and Assumption College at Worcester, Massachusetts, third.

BOOKS

THE TECHNIQUE OF SLEEP

Sleep: Why We Need It and How To Get It. By Donald A. Laird, Professor of Psychology in Colgate, and Charles G. Muller '18. New York. The John Day Company. 1930. 19.7 cm., pp. xii, 214. Price, \$2.50.

In the same box with this volume came a clip-lite and bulb. Is the inference that a good way to get to sleep promptly is to read this book in bed? If so, the book is scarcely successful; it is too interesting.

It is based on careful experimental research on a squad of 32 Colgate students. The work was begun in 1923. It is free of technical features, however, and can be understood by almost anybody who is really awake. Among the questions to which it offers answers are these: How can we get to sleep most quickly? How much sleep do we need? How does noise affect sleep? Do dreams diminish the benefit of sleep? What kinds of covering and of mattresses will be best for sound sleep.

The importance of sleep is very great. Most of us devote one-third of our time to it. Since the criterion is not how long but how well we sleep, it follows that with up-to-date knowledge and control of technique we might cut down our sleeping hours and get rich that much more quickly. Think what the American people, saving one hour a day, could do with 120,000,000 extra hours each day. What would they do with these hours? Try to answer this the next time you want to keep awake through a lecture.

Two very important points making for sleep are relaxation and absence of noise. We can manage the former by following the precepts set forth in this book; but how shall we choke off the disconcert of the mournful felines on the back fence, or the chugging engine of that wild hyena of a three-o'clock milkman, or the dog who has just got to bark it all out, three and four times over? They are enemies of progress. Shooting them only wakes you up more completely.

The book is in the main well written, with a light and pleasing touch. We beg leave to offer one observation. We have never yet seen a good sentence beginning with *Too* in the sense of moreover. The numerous specimens in this volume are not exceptions.

Did the book go to the right publisher? His slogan is, Awake, for it is Day. At any rate, he puts it out in excellent form.

BOOKS AND MAGAZINE ARTICLES

In The Yale Alumni Weekly for February 21 there is a favorable review of Kenneth Roberts's Arundel.

In Science for February 21 Dr. E. Porter Feld '94 writes on "Scientific Names."

In The Cornell Civil Engineer for March Professor Charles E. O'Rourke '17 presents "A Review of the Increases in Bridge Spans." John N. Ostrom '77 writes on "Accurate Shop Measurements of Structural Details."

In The Journal of Physical Chemistry for April Professor Bancroft and Charles E. Barnett conclude their serial on "Phase-Rule Studies on Proteins." Professor Bancroft reviews The Colloid Symposium Annual edited by H. B. Weiser, Industrial Carbon by C. L. Mandell, and The Chemistry of the Colloid State by John C. Ware.

In The Journal of the American Medical Association Dr. George S. Stevenson prints a paper on "Why Patients Consult the Gastro-Enterologist."

In The Christian Register for March 13 Elizabeth Gaskell by Professor G. DeWitt Sanders, Ph.D. '22, of the Michigan State Normal College is reviewed by Alfred R. Hussey.

In Current History for April Professor Albert B. Faust writes on "Paul von Hindenburg."

The first volume of A History of Modern Culture by Professor Preserved Smith has appeared from the press of Henry Holt & Company. It covers the period 1543-1687.

In Modern Philology for February A Dictionary of Actors and of Other Persons Associated with the Public Representation of Plays in England Before 1642 by Professor Edwin Nungezer, A.M. '25, Ph.D. '27, of the University of Oklahoma is reviewed by G. B. Harrison.

In The Oberlin Alumni Magazine for March Professor Emeritus Delphine Hanna '01 of Oberlin has an article entitled, "Oberlin Begins Physical Education for Women." There is a portrait of the writer.

George J. Nathan '04 has severed his connection with The American Mercury and is now covering the theater for The New Freeman, edited by Suzanne La Follette.

Allison Danzig '21 has published through the Macmillans a work on "The Racquet Game," dealing with court tennis, racquets, squash racquets, and squash tennis. It sells for \$4.

In The Teachers College Record for February the leading article is made up from the annual report of Dean William F. Russell '10 of Teachers College.

In The International Journal of Ethics for January Professor Alban J. Widgery writes on "The Principles of Hindu Ethics." Aesthetic Judgment by Professor David W. Prall, '11-12 Grad., of the University of California is reviewed by Charles Hartshorne.

In Science for March 7 Professor James G. Needham, Ph.D. '98, writes on "The Teaching of Hydrobiology and Aquiculture in American Universities." Professor Jacob Papish, Ph.D. '21, and Zaida M. Hanford '27 discuss "The Occurrence of Germanium and Arsenic in Meteorites."

In The Sibley Journal of Engineering for March Albert O. Loomis '10 writes on "Electric Auxiliaries for Diesel Driven Vessels." Richard C. Rea '28 describes "Experiences of a College Graduate in Time Study." William T. Thompson '32

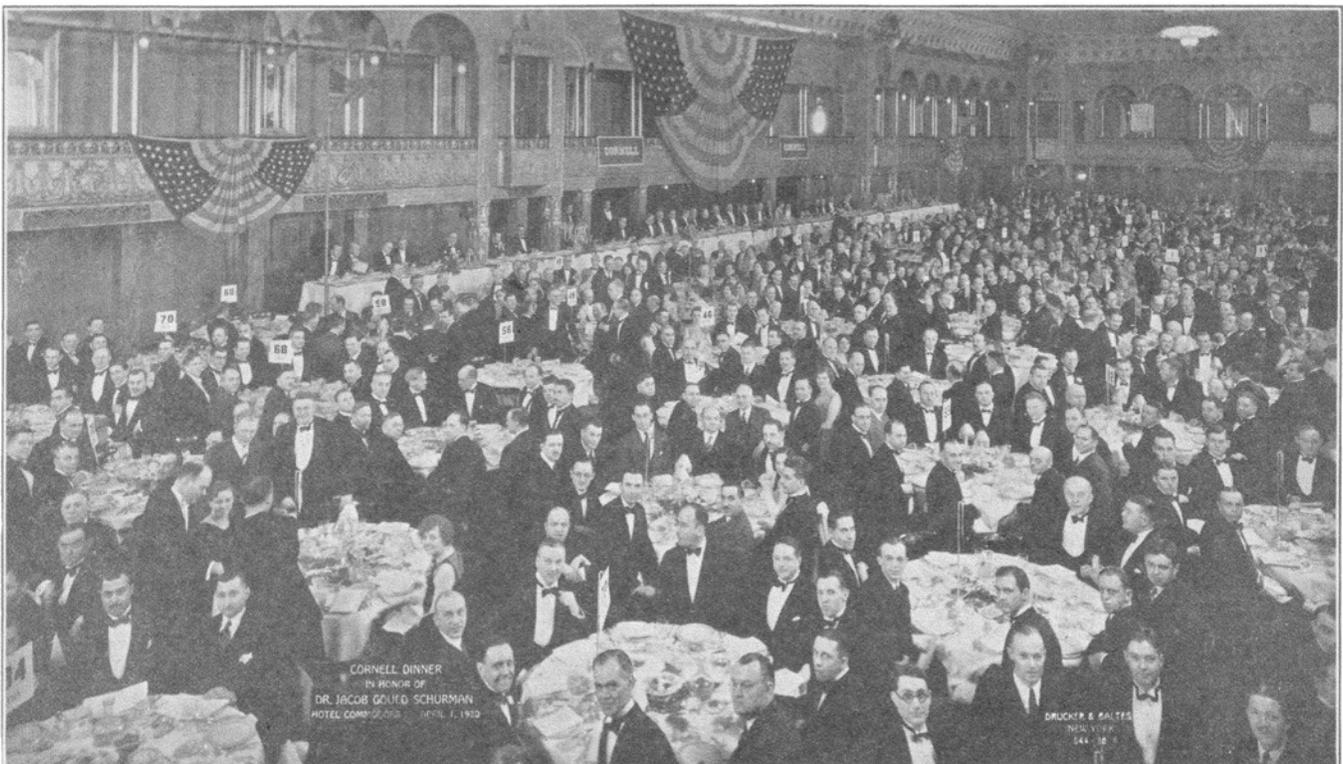
describes "Engineering at the Boyce Thompson Institute for Plant Research." Wilbur E. Meserve, M.M.E. '29, discusses "The Use of the Photoelectric Cell and Stabilized Oscilloscope in the Measurement and Recording of Instantaneous Light Variations."

James H. Smith and Professor William C. Bagley, Ph.D. '00, of Teachers College have published The Mastery Word List. It comes from the press of D. C. Heath & Co. and costs fifty-six cents. It is an abridged edition of The Mastery Speller, intended for Grades 2-8.

In The Bureau of Standards Journal of Research for December Raleigh Gilchrist, '15-18 Grad., had an article entitled "A Gravimetric Method for the Determination of Ruthenium." In the issue for January Gustave E. F. Lundell '03 and J. I. Hoffman wrote on "The Effect of Light on Silver Chloride in Chemical Analyses."

In The Journal of Physical Chemistry for March Professor Wilder D. Bancroft and Charles D. Barrett write on "Phase Rule Studies on the Proteins," beginning a serial. Gene Spencer writes on "Manipulation of Jelly Strength-Testing Apparatus." Professor Bancroft reviews Aluminiumoxyd als Katalysator in der organischen Chemie by W. N. Ipatiew, translated by Carl Freitag.

In The Cornell Civil Engineer for January Carl C. Cooman '15 writes on "The Mount Morris Dam." Burtis J. Finch '07 describes "Bridging a Desert." Professor Henry N. Ogden '89 writes on his classmate Anson Marston. There is an obituary of Ernest D. Burkhart '13.



THE OPENING OF THE ROLL CALL—THE DINNER IN NEW YORK CITY

Roll Call Reports

(Continued from page 335)

C.A. About thirty were present. The evening was spent in talking over old times, singing Cornell songs and listening to the broadcast from New York City.

A number of suggestions were made that Cornellians in this district should get together two, or three times a year at dinners for the purpose of becoming acquainted with one another.—ELMER H. LEMON '12.

ONEIDA

(TELEGRAM) Madison County dinner at Oneida last night. 42 Cornellians and friends participated. Professor James E. Rice '90 gave a most inspiring address. Much pleased to have him with us. Mannon G. Mc Pherson '19 toastmaster. William F. Santry '02, H. W. Coley, and Mrs. Patrick F. Milmoie (Margaret E. Mooney) '86, our oldest alumna, responded to toasts. Mrs. Milmoie told of having been held upon the knees of Ezra Cornell, her grandfather and Mr. Cornell having been very close friends. Good spirit shown. Cards and instructions were passed out to vicinity chairmen. Hope materially to increase our membership. Yours for a successful Roll Call.—GEORGE A. SPADER '19.

PHILADELPHIA

To my mind the smoker held by the Philadelphia alumni was highly successful. There were about 125 present and the spirit was fine. In the beginning of the evening, those in charge were fearful that most of the men would not stay for the 11.30 broadcast, but the falling off at that hour was slight. Mr. Sailor spoke first, giving the men an account of student activities and athletic affairs, in which they were all interested. I followed with an account of the recent building changes with a suggestion of future plans, followed by something of the more scholastic activities of the University. After that we had a buffet supper and then reconvened for a discussion of the Roll Call. Mr. Sailor again spoke but had to cut this part of his remarks short because of the broadcasting. It is my opinion that this was without consequence, for they were all fully enthused by what he said and were apparently eager to do their share. Mr. Steele, who has local charge, seems to have everything well in hand and they are out to beat Yale, Rochester, and everybody else if possible. I have no suggestion for any change of plans and feel that everything is set for success in Philadelphia.

I am glad to report that Mr. Sailor and I have return engagements with the Philadelphians for the Thanksgiving smoker next fall.—EVERETT F. PHILLIPS.

PITTSBURGH WOMEN

The dinner meeting of April 1 was held at the College Club, Schenley, at seven o'clock. There were twenty-one present, representing both Pittsburgh proper and a number of nearby towns. Mrs. Harry S. Tarbert (Lulu A. Stronge) '09 was in charge of the meeting and Mrs. Clarence L. Dunham (Rhoda F. White) '11 presided. Mrs. P. H. Curry (Cecelia B. O'Neill) '98 spoke a few words of tribute to Mrs. Charles M. Thorp (Jessie M. Boulton) '83 whose recent death is a great loss to the Club as well as to her personal friends. Mrs. Leonard C. Urquhart (Jane D. McKelway) '13 came from Ithaca and gave a talk on present conditions at Cornell and explained the Roll Call. The meeting broke up about ten o'clock into groups who listened to the broadcasting from various homes in Pittsburgh. The speeches were clearly received, perhaps at their best from Hopkinsville, Kentucky.

ROCHESTER

Our smoker came off last night as scheduled, and from all reports it was a very successful party. We had nearly 300 men present, and I understand there were about 75 present at the women's party.

The men all seemed to be in fine spirits and started off with the singing of a number of Cornell songs, led by Doc Bowen and from then right down to the close of the program at 12 o'clock there wasn't a dull moment.

We are greatly indebted to Professor Richtmyer for a splendid address and also to Walt O'Connell for bringing up his troupe of youngsters and putting on a very fine show.

The broadcast came in especially fine. Reception was excellent. We are greatly indebted to the Columbia Broadcasting System for their courtesy in putting over the broadcast in this fine manner.

We were all highly pleased at the interest shown by the Cornellians present, for in spite of the fact that we started festivities shortly after 8 o'clock and didn't close until the end of the broadcast at 12 o'clock, very few left the meeting.

I trust that this evening in this Cornell atmosphere, with the fine talks by Dr. Farrand, Dr. Schurman, Mr. Taylor, and Professor Richtmyer will give our prospects the true picture of the needs of Cornell and the obligation to answer this Roll Call.

We sent a wire to Du Pratt White shortly after 10 o'clock announcing the success of our party and extending our pledge to do our part, and I trust it arrived in New York before the dinner was over.—WALTER L. TODD '09.

SCHENECTADY

We had a capital time at Schenectady last night. Seven or eight came over from Amsterdam and scattered representatives from other towns round about. Mr. Mattison told me that he thought there were sixty-five present. He also informed me that he signed up fifteen new contributors last evening. Schenectady takes some pride in the fact that there are already about fifty contributors in their body.

While the larger part of the group went home before the broadcasting from New York, those who remained, including myself were well repaid. The New York program came in admirably. Incidentally, the three speeches were outstanding.—ALBERT R. MANN '04.

SPOKANE

The Cornell Roll Call broadcast over the Columbia Chain was received and enjoyed very much by the Cornell alumni at a dinner in the Spokane Hotel April first. All talks came in with excellent clearness and naturalness, and as an individual, the writer wants to express his personal appreciation of this opportunity to listen in to President Farrand and Past President Schurman's talks, as well as the address of Mr. Taylor.—WILLIAM E. CHASE '00.

STATE COLLEGE, PA.

The Cornellians at Penn State had a very good meeting. Professor Knandel and his committee had evidently done a good job in preparing for it. There were about sixty people present. Four or five of these people had driven about a hundred miles to attend this banquet. The banquet was held in the University Club at State College and the tables were set up most attractively with both food and decoration reminding us of the Cornell Colors.—CARL E. LADD '15.

SYRACUSE WOMEN

The meeting was held at the home of Mrs. Tiffany. There was a very excellent and rather elaborate dinner at six-thirty. After dinner they held a short business meeting; during their discussion of various alumnae affairs, they read a letter from Miss R. Louise Fitch, which acknowledged their gift of fifty dollars for a senior girl who was in need of financial aid. After this meeting I gave a little speech. I answered questions about the women and about Cornell in general, as best I could; and I urged them to come to see our new dormitories.

They all, I thought, were enthusiastic about this roll call and they signed those little pink cards, and they planned to reach the Cornell women in Syracuse who were not present at the meeting.

This was the largest meeting which has been held this year; about twenty-five being present. Although they were of many different classes, from 1880, at least, down to 1929, they were all very congenial and quite enjoyed the social time together.—CAROLINE DAWDY '30.

WATERBURY

The meeting resulted in a reorganization of the Cornell Club formerly in operation here, and the new association is to be known as the Naugatuck Valley Cornell Club. The secretary will, no doubt, communicate with Foster Coffin in regard to this.

I hope that your early reports of the Roll Call showed progress all over the country.—EDWIN S. SANDERSON '94.

BUFFALO

New officers for the ensuing year were installed at the Club on April 4, when a record-breaking number attended the weekly luncheon held at the Hotel Statler. Foster M. Coffin '12, Alumni Representative, was the speaker from out of town. The following officers were installed: W. Morgan Kendall '19, president; Peter Paul Miller '18, and James B. Wilson '21, vice-presidents; Herbert R. Johnston '17, secretary-treasurer; Charles G. Seelbach '19, athletic director.

HAWAII

The Club entertained Professor Bristow Adams with a dinner at the Alexander Young Hotel in Honolulu on March 20. Clarence H. Dyer '16 introduced the speakers, who included, in addition to Professor Adams, Dr. Arthur L. Andrews '93, Col. Frederick W. Phisterer '95, Capt. Edward M. Curley, Grad., Charles E. Cassidy '24, and George D. Crozier '24.

A few days later Professor Adams acted as honorary referee at the 18th Annual Cornell Relay Games for schools of the Hawaiian Islands sponsored by the Cornell Club of Hawaii.

INDIANA

At the annual dinner, held at the Indianapolis Athletic Club on April 1, officers for the ensuing year were elected as follows: Henry Worthington Vliiss '09, president; Albert Reeves Coffin '04, vice-president; Thomas Stanley Hood '21, secretary; Robert Ralston Jones, Jr., '18, treasurer.

CARLSARK ON WAY HOME

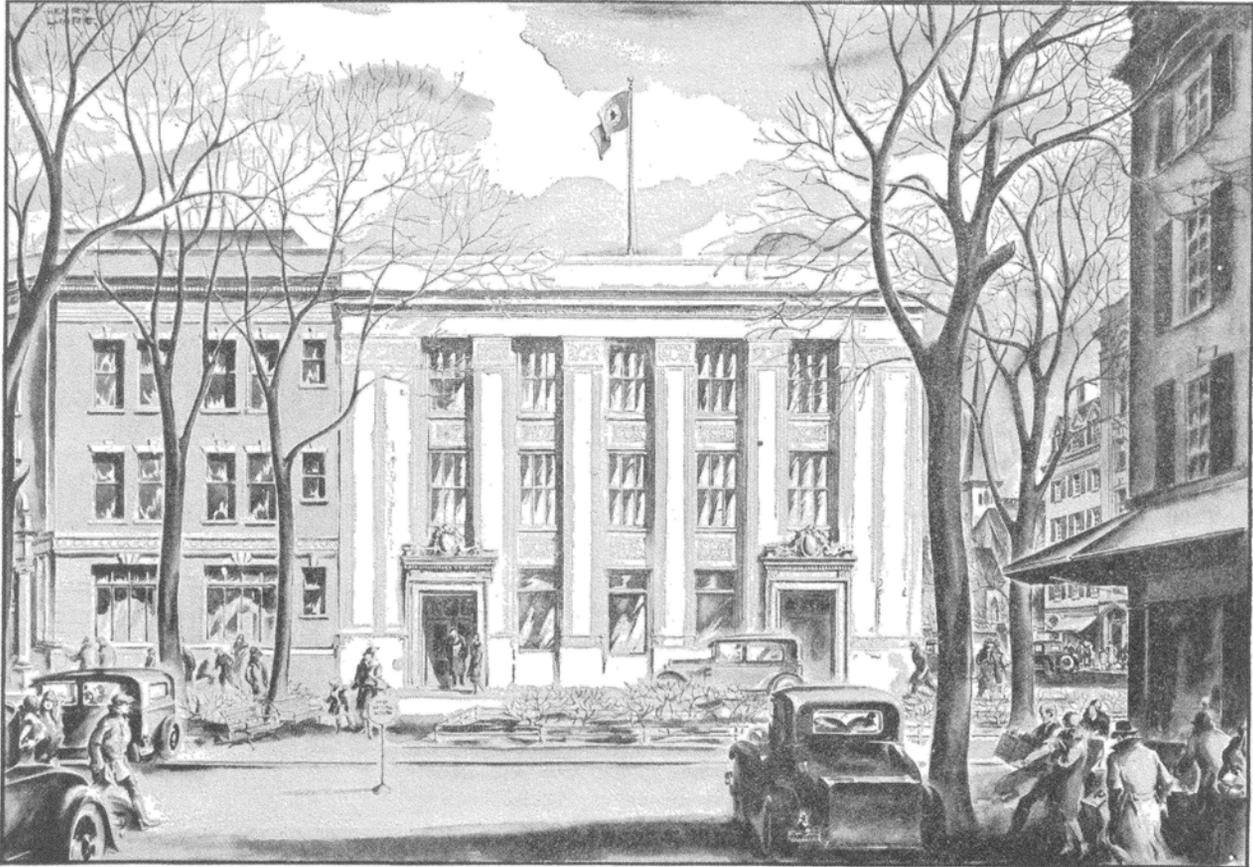
The Carlsark, forty-six-foot ketch manned by three Cornellians, Carl L. Weagant '29, Joseph R. Rummeler '29, and Dudley M. Schoales '29, is now nearing the Bahama Islands on its return voyage from Europe.

The Carlsark left Ithaca in June, 1929, and sailed across the Atlantic to the Azores. After a voyage through the Mediterranean Sea, the return trip across the Atlantic was begun.

A message radioed from the Norwegian motor tankship Spinanger and relayed from the station at Ensenada, Porto Rico, said that the Carlsark last week was about 800 miles from Nassau.

HEADS HAWAII FACULTIES

Dr. Arthur L. Andrews '93, a member of the faculty of the University of Hawaii since 1900, has been named dean of the faculties, a newly-created position. Dr. Andrews received three degrees from Cornell, obtaining his Ph.D. degree in 1902.



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THE ALUMNI

'80—Dr. Thomas T. Gaunt '80 and Mrs. Gaunt of New York are spending the spring at their cottage, Top Notch, at White Sulphur Springs, Va.

'86 ME—Frank G. Raichle is an attorney at 41 Broad Street, New York.

'88 PhB—The City of London, England, on April 3 paid tribute to Dr. John R. Mott, president of the International Missionary Council, in a ceremony at the Mansion House at which the Lord Mayor presided. The Archbishop of Canterbury and Ambassador Charles G. Dawes expressed appreciation of his work in the international field of Christianity.

'93 BS—August Merz has become a vice-president of the Calco Chemical Company, Inc., on the acquisition of the Heller and Merz Company, of which he was an officer, by the American Cyanamid Company, of which the Calco Company is a subsidiary. The Heller and Merz Company was the oldest and largest independent dye manufacturing business in America.

'93—Mrs. Adelaide E. Smith, wife of Floyd Kipp Smith '93, died on March 11, leaving two daughters, Mrs. Martha S. Semans and Miss Ruth H. Smith. Mr. Smith lives at 282 Summer Street, Buffalo.

'94 LLB—Myron C. Taylor has been elected a member of the Board of Trustees of the Metropolitan Museum of New York, and is serving on the finance committee.

'96—The firm of Green and McCallister, of which Jonathan S. Green is a member, have moved their offices to 3216 Grant Building, Fourth Avenue and Grant Street, Pittsburgh. They are attorneys specializing in patent and trademark law.

'97—John I. Sipp is agricultural editor of the Newark, N. J., Evening News and also has a large fruit farm in Martinsville, N. J.

'03 AB—Charles L. Cool is treasurer of Franklin Rochester Motors at 1048 University Avenue, Rochester, N. Y. He lives at 865 Harvard Street.

'04-5 Grad—Professor Cony Sturgis and Mrs Sturgis (Anne B. Butler '02) of Oberlin sailed on March 20 for Europe, to travel in France, Spain, Italy, Greece, and England for the rest of the academic year.

'05—Edward Holmes, former district manager of the commercial department of the Continental Casualty Company of Chicago, has joined the sales executive staff of the B. P. Owen Organization, real estate subdividers in St. Louis. He is a past president of the Cornell Club of St. Louis and regional director of the Cornell Alumni Corporation.

'07 ME—Livingston D. West last summer became vice-president of the J. G. White Management Corporation and the W. S. Barstow Company, in charge of new business for the Associated Gas and Electric System. He had been with the Associated System for eleven years and had been power engineer with the United Light and Water Company of New England.

'07—Charles F. Robinson is now supervising engineer and auditor of the Metropolitan Casualty Insurance Company and the Commercial Casualty Insurance Company, in charge of home office operations for eight Western States, with offices at 60 Sausome Street, San Francisco. He was from 1924 to 1929 engineer with the Aetna Life Insurance Company. He lives at 1815 Hopkins Street, Berkeley.

'07 LLB—John H. Mooers is general attorney of the Railway Express Agency, located at 230 Park Avenue, New York.

'08—Leslie H. Coloney is sales manager of Window Advertising, Inc., at 300 Fourth Avenue, New York. He lives at 308 East Seventy-ninth Street.

'08 ME—James M. Howe has been since 1928 chief engineer of the heater division of the Eaton Axle and Spring Company in Cleveland. He had been an automobile engineer with the Murray Ohio Manufacturing Company. He lives at 2988 Scarsborough Road, Cleveland Heights. He has two sons and two daughters.

'08 LLB—John L. Reiben, formerly vice-president of W. J. Rainey, Inc., in New York, is now assistant to the president of the Davis Warner Interests at 1308 Keystone Bank Building, Pittsburgh. He lives at 5621 Callowhill Street.

'09 ME—Charles S. Smith is president of the Pierce Roofing Company. He lives at 768 Main Street, Olean, N. Y.

'10 ME—Francis P. Gary this year became sales engineer in charge of the Buffalo district of the Cahin Belt Company, at 753 Ellicott Square. He has been with the company since 1926, as engineer and estimator.

'10—John F. String, from 1918 to 1930 secretary-treasurer of J. S. and J. F. String in Newark, N. J., is now associated with Potter and Company at 5 Nassau Street, New York. He lives on Runne-meade Road, Essex Falls, N. J. He has two sons and two daughters.

'10 CE—Rudolph F. Schaefer is now assistant designing engineer of the Detroit-Canada Tunnel with offices at 217 Woodward Avenue, Detroit. He lives at 660 Hazelwood Avenue. He was formerly assistant designing engineer of the Holland Tunnel in New York.

'10—Marion H. Merriss has become a member of the technical staff of the du Pont Ammonia Corporation in charge of sales development work, with offices in Wilmington, Del.

'11 AB—Owen C. Torrey is in the marine and aviation insurance business with offices at 53 Beaver Street, New York. He is assistant manager of the Marine Office of America, and vice-president of S. D. McComb and Company, Inc., both at 53 Beaver Street; co-manager of the Associated Aviation Underwriters at 54 Stone Street; and vice-president of the U.S.P. and I. Agency, Inc., at 45 Broadway.

'11 LLB—Mr. and Mrs. Wolfgang Clauder of Bridgeport, Conn., have announced the engagement of their daughter, Elsa, to Edmund S. Higgins '11. He is vice-president of the W. A. Higgins Company in New York.

'11 ME—Oscar G. Miller, for eighteen years sales engineer and assistant manager of the New York office of the Standard Underground Cable Division of the General Cable Corporation, has been transferred to Rome, N. Y., as district manager of sales in northern New York and western Massachusetts for the Corporation. He is life secretary of his class.

'13 CE—Abraham W. Fuchs is now with the office of milk investigations of the United States Public Health Service in Washington.

'14—S. Hibbard ("Hibby") Ayer and Russell Nixon have announced the formation of Ayer and Nixon, dealers in custom shirts at 6 East Forty-sixth Street, New York.

'14; '17 ME—Latham W. Murfey '14 and W. Griffith King '17, with four associates, have announced the dissolution of the brokerage firm of Murfey, Blossom, Morris and Company and the formation of Murfey, Blossom and Company. They are members of the Cleveland Stock Exchange.

'14 BSA—Nicholas Kopeloff is research associate in bacteriology at the New York State Psychiatric Institute and Hospital at 722 West 168th Street, New York. He lives at 240 Riverside Drive. He is the author of a volume on *Lactobacillus Acidophilus* published by the Williams and Williams Company, and of books on *Why Infections in Teeth, Tonsils, and Other Organs and Men Versus Microbes* published by A. A. Knopf, Inc.

'15 AM—Elam J. Anderson is principal of the Shanghai American School for American children at 17 East Forty-second Street, New York. He lives at 39 Claremont Avenue. He was formerly professor of education and music at the Shanghai College in China.

'15 AB, '24 MD—Winifred Kirk (Mrs. Robert B. Freeman) is practicing medicine at 210 East Seventy-third Street, New York. She has a year-old son, Robert Burns, Jr.

'15 AB—Edward C. Leib lives at 711 Ocean Avenue, Brooklyn. A son, Jack Dale, was born on February 3.

'15 AB—Bleecker Marquette, who is executive secretary of the Public Health Federation, of the Anti-Tuberculosis League, the Better Housing League, and the Shoemaker Health and Welfare Center in Cincinnati, has been elected president of the Ohio Mental Hygiene Association. He is an honorary member of the Cincinnati Academy of Medicine and the Cincinnati Dental Society. His address is 3696 Kendall Avenue.

'15 AB—Paul M. Potter returned last year to wheat farming in Pomeroy, Wash., after four years in the real estate business in Florida. He has two children.

'16 AB—A daughter, Ann Alice, was born on March 26 to Mr. and Mrs. Lyman W. Davison. They live at 11 Flint Road, East Rockaway, New York.

'16 ME—Harold W. Thorne is now associated with the New York Trust Company at 100 Broadway, New York. He was from 1922 to 1928 vice-president of the Union Iron Works of California. He lives at 52 Franklin Place, Montclair, N. J.

'18 AB—Rev. Harold P. Kaulfuss, who is ending his ninth year as rector of Trinity Church in Granville, N. Y., was recently appointed chairman of the Albany Diocese Department of Social Service by Bishop G. Ashton Oldham '02. His address is 40 East Main Street, Granville. The paper which he read at the National Conference of Social Work last June on "A Social Work Program for the Rural Parish" was recently published in The Magazine of Hospital Social Service.

'19, '28 WA—John W. de Forest has been appointed assistant superintendent of agencies of the Aetna Life Insurance Company. He had been with the Travelers Insurance Company since 1920, and has recently been assistant superintendent of agencies working in Canada and the North-central States.

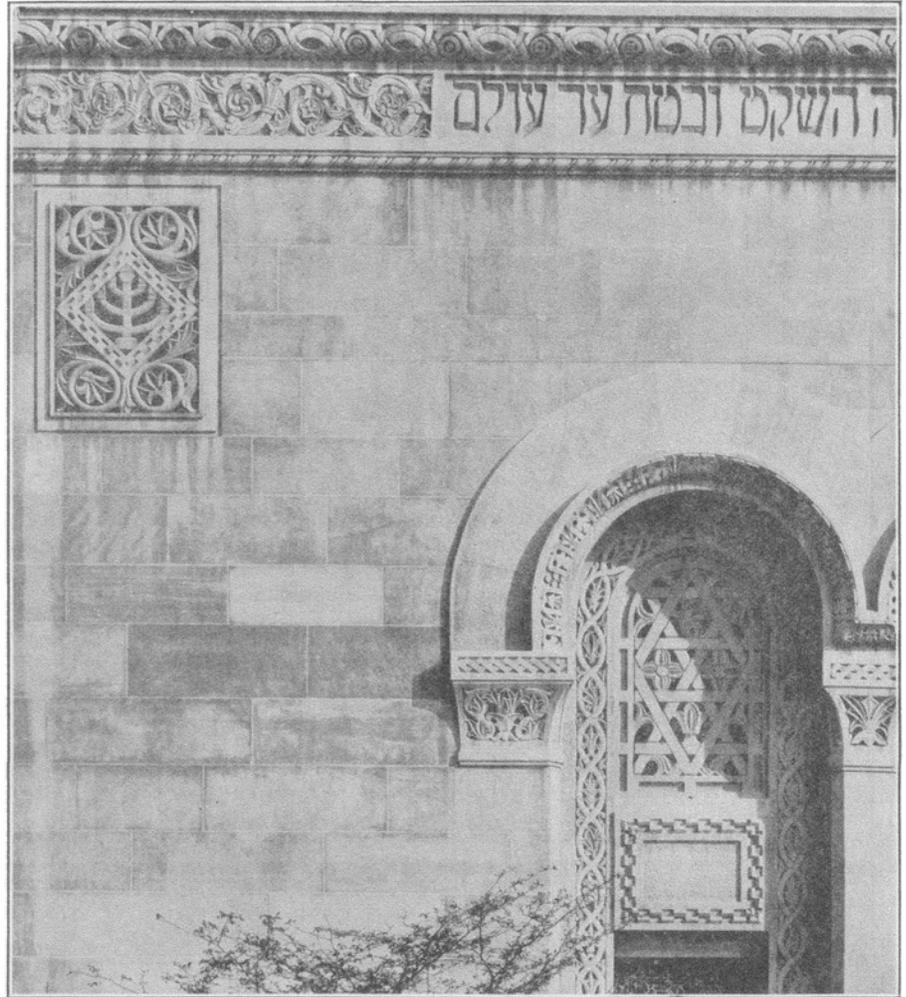
'19, '20 AB—Arthur E. Booth is with the Jersey Central Power and Light Company in Boonton, N. J. He lives at 99 Morris Avenue, Mountain Lakes, N. J.

'19, '20 WA—Byron E. Wrigley, Jr., is Australian manager for the Wrigley Chewing Gum Company. His address is Post Office 486 Aagto, Sydney.

'19, '18 ME—Robert D. Spear is sales engineer in the Pacific Coast district of the Foster Wheeler Corporation at 593 Market Street, San Francisco. He was from 1922 to 1929 manager of the evaporator department. He lives at 1201 Oxford Street, Berkeley, Calif.

'19, '21 AB—Robert Imlay is now with Comstock and Wescott, Inc., of Boston and Niagara Falls, N. Y., with offices at 80 Federal Street, Boston. His home address is 49 Charles Street, New York.

'19, '21 ME—Raynard Christianson is with the Western Gas Construction Company in Fort Wayne, Ind. He lives at the Jackson Wayne Apartment.



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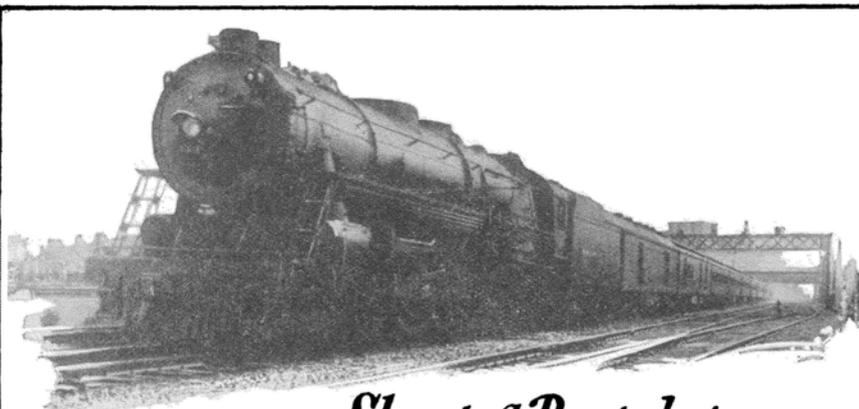
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'20 PhD—George E. Reaman is superintendent of the Boys Training School in Bowmanville, Ont., an institution of the Canadian Government.

'20, '21 BChem—Donald C. Blanke is now assistant to the division sales manager of the American Cyanamid Company at 535 Fifth Avenue, New York. He lives in Greenwich, Conn.

'20 WA—Francis M. Sutton '20 was married on April 3 to Ellen DeVany, daughter of Mrs. John R. DeVany of New York and a graduate of Wilson College.

'21 CE—Samuel D. Brady, Jr., is superintendent of the Osage mines of the Osage Coal Company. His address is 429 Grand Street, Morgantown, W. Va.

'21, '22 AB—Irma O'Flaherty is teaching in the Jamaica, N. Y., High School.

'22—Walter R. Berger is selling gas ranges for the Geo. D. Roper Corporation, in Bay Village, Ohio.

'22, '23 ME—Joseph Motycka is a consulting engineer with offices at 535 Fifth Avenue, New York. He lives at the Park Plaza, Larchmont, N. Y.

'22 ME—William F. Mahon, Jr., since last year has been chief engineer of the Fairmont Aluminum Company in Fairmont, W. Va. He was formerly assistant superintendent of the Delmar Coal Company. His address is Box 640, Fairmont.

'22 AB—Reno V. Jones is district sales manager of the Republic Iron and Steel Company. He lives at 916 Delaware Avenue, Buffalo. A son, Allan William, was born on October 21.

'22 MCE—Tsen-Shih Wang is an assistant manager of the Bank of China in Tientsin, China. He is in charge of the bank's warehouse.

'23 AB—Jacob R. Firneno is admitting physician at the Kings County Hospital in Brooklyn. His address is 265 Fourth Avenue.

'23—Clifford K. Andrews is manager of the printing department of the News-Messenger Publishing Company in Marshall, Texas. He lives at 512 West Houston Avenue.

'23 BS; '24 BS; '25 MS—A son was born on March 29 to William D. McMillan '24 and Mrs. McMillan (Ruth V. Rice '23). They live at Sunny Gables, Inlet Road, Ithaca.

'23—Laurence C. Winans is with the American Laundry Machinery Company in Norwood, Ohio. His home address is 2479 Madison Avenue, Cincinnati.

'23 BChem—Francis S. Pethick is now sales director of Whitehaven Memorial Park, a new cemetery in Rochester, N. Y., with offices at 1311 Temple Building. He lives at 134 Frost Avenue.

'23 CE—F. Van Epps Mitchell is in the manufacturing department of the chain division of the Chain Belt Company, at 736 Park Street, Milwaukee, Wisc. He

is secretary of the Cornell Club of Milwaukee.

'23 AB—Frederick T. Ketchum, Jr., is now a credit grantor with the Endicott-Johnson Corporation in Endicott, N. Y. He lives at 212 Garfield Avenue. He was formerly in the contact and public relations department of the Electrical Board of Trade, Inc.

'24 BChem—S. Webster Dodge is a radio engineer with the RCA Radiotron Company.

'24 AB, '25 AM, '28 PhD—Mrs. Sutherland Simpson has announced the marriage of her daughter, Ethel Drever Simpson '24, to J. L. Lorne MacDonald, on March 11 at Cambridge, England. Mr. and Mrs. MacDonald will be at home after May 1 at 77 Asbury Road, Cambridge, England.

'24 AB—Harold E. Deuel has recently returned from a six weeks' trip to California by way of the Panama Canal. He lives at 55 South Hamilton Street, Poughkeepsie, N. Y.

'24—Mr. and Mrs. Adolph Grant of New York have announced the engagement of their daughter, Barbara, to Richard M. Levy '24. She is a graduate of Smith. The wedding will take place in June.

'24, '27 AB—C. Carleton Kirchner is practicing law at 54-56 Market Street, Poughkeepsie, N. Y. He lives at 23 Adriance Avenue.

'24 ME—Gilbert F. Rankin '24 was married on March 1 in Columbus, Mo., to Miss Frances Fethers Brewer, a graduate of the University of Missouri. They are living in Manitowoc, Wisc.

'24 AB, '26 CE—Charles N. Strong is having a three-months' vacation in the United States after three years working on the nitrate pampa of northern Chile for the Anglo-Chilean Consolidated Nitrate Corporation. His address is 2036 Virginia Park, Detroit.

'25 BS; '28 AB—Hewlwt E. Sutton '25 and Mrs. Sutton (Emily McCord '28) live at 411 Cross Street, Westbury, N. Y. She is an assistant at the Children's Library.

'25, '24 BS—Luis Lichauco is managing his mother's estate in the province of Pangasinan, P. I., and is farming a small farm of his own. He was married in 1926, and has three sons. His address is Tayug, Pangasinan.

'25 AB—Mary H. Patton is teaching English in the Binghamton, N. Y., Central High School. She lives in Brackney, Pa.

'25 BS—Willard E. Georgia and his wife have recently returned to their home at 206 Colebourne Road, Rochester, N. Y., from a cruise to the West Indies and Panama. He is a buyer and contractor of raw materials for canning.

'25 ME—Harold F. Kneen has been made factory superintendent of the Lincoln Electric Company in Cleveland.

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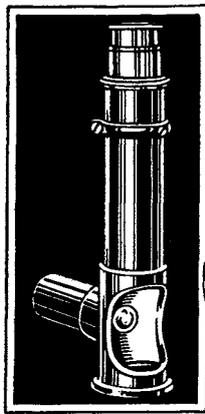
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'25 ME—Brenton W. Jennings is with the Utah Oil Refining Company on Salt Lake City, Utah.

'26 BS; '23 BS; '26 BS—Charles K. Bullock is now farm bureau manager and county agricultural agent for Chautauqua County, N. Y., succeeding Kenneth E. Paine '23 who is now a fertilizer demonstrator for the American Cyanamid Company, and is living at 26½ Lincoln Avenue, Cortland, N. Y. Bullock's address is 38 Lakeview Avenue, Jamestown, N. Y. He writes that Herbert T. Huckle '26 took his position as assistant manager, and is living at 1385 Newland Avenue, Jamestown.

'26 LLB—Henry S. Fraser, with two associates, have announced the formation of Brown, Fraser and Black with offices at 617-619 City Bank Building, Syracuse, N. Y., for the general practice of law. Fraser was formerly a member of the firm of Hancock, Dorr, Kingsley and Shove.

'26—Wesley R. Fowler is a merchandise manager with Sears, Roebuck and Company at West 110th Street and Lorain Avenue, Cleveland. He lives at 2101 Waterbury Road, Lakewood, Ohio. A son, John Wesley, was born on December 14.

'26 MD—Stanley D. Banks is practicing medicine at 2104 Caton Avenue, Brooklyn.

'26 AB—Dorothy A. Benton is teaching Latin at Cook Academy in Montour Falls, N. Y. She lives in Phelps, N. Y.

'26 AB, '29 PhD—R. Whitney Tucker has been appointed professor of the Latin language and literature at Susquehanna University for next year. He is an instructor in the classics at Cornell this year.

'26, '27 BS—Ralph J. Walsh '26 was married on March 17 to Miss Annice Ackroyd of New York. They are living in Yonkers, N. Y.

'26 EE—Arthur H. Ross is in the traffic engineering department of the Bell Telephone Company of Pennsylvania, at 1835 Arch Street, Philadelphia. He lives at 421 West Johnson Street, Germantown, Philadelphia.

'25-6 Gr—Jonathan A. Munro is editor of the American Honey Producer and head of the department of entomology at the North Dakota Agricultural College. He is also State entomologist and secretary of the American Honey Producers' League. He lives at 1129 Thirteenth Street, North, Fargo, N. D.

'26 AB—William H. Kasten is an assistant manager with the Chevrolet Motor Company in Richmond, Va. He lives at 23 South Boulevard.

'27 AB—Grace W. Hanson is an interviewer in the employment bureau of the New York Edison Company at 4 Irving Place, New York. She lives at 84 Glenlawn Avenue, Sea Cliff, N. Y.

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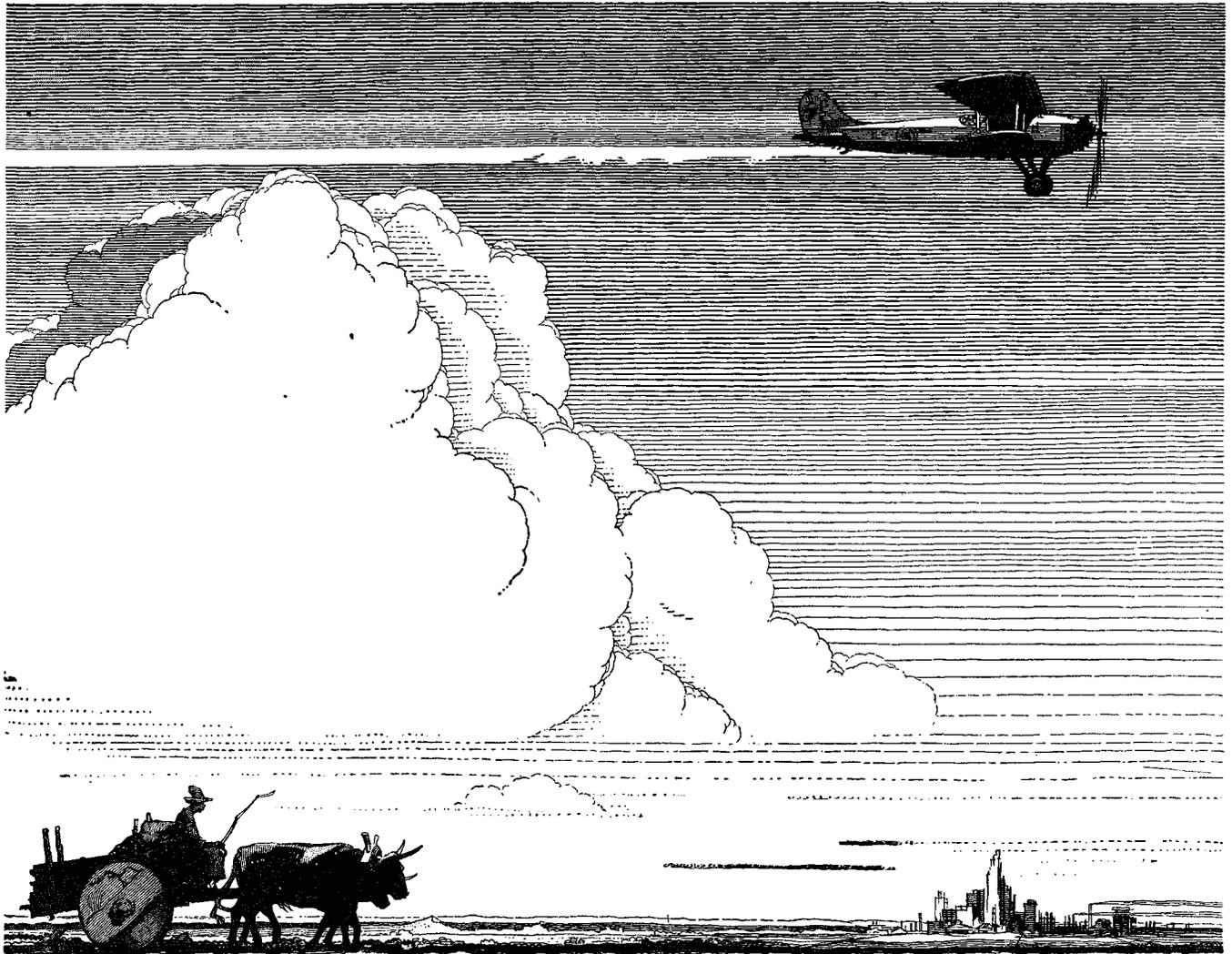
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