

Published weekly during the college year and monthly in July and August at 220 East State Street, Ithaca, New York. Subscription \$4.00 • year. Entered as second class matter May 2, 1900, under the act of March 3, 1879, at the postoffice at ITHACA, NEW YORK.

Webb, Marlow & Vought

INCORPORATED

87 West 46th St., New York City ARCHITECTS ENGINEERS BUILDERS CONSULTANTS

Country Estates, Farms and Commercial Plants

Farm Buildings Reads
Dairies Water Suppl
Country Clubs Operation
Golf Courses Management
Tennis Courts Equipment
Live Stock
Buying and Selling

Drainage Reads Water Supplies

ITHACA TRUST COMPANY

Assets Over Three Million Dollars

President ... Charles E. Treman Vice-Pres.__Emmons L. Williams Vice-Pres.___Franklin C. Cornell Vice-Pres. and Sec., W. H. Storms Treasurer____Sherman Peer

Drawing Inks Eternal Writing Ink Engrossing Ink Higgins' Taurine Mucilage Drawing Board Paste Liquid Paste Office Paste Vegetable Glue, Etc.

ARE THE FINEST AND BEST INKS AND ADHESIVES



Emancipate yourself from the use of corrosive and ill-smelling and adhesives inks and adopt the Higgins inks and adhesives. They will be a revelation to you, they are so sweet, clean, and well put up and withal so efficient.

At Dealers Generally

Charles M. Higgins & Co., Manufacturers.

271 NINTH ST., BROOKLYN, N. Y. Branches: CHICAGO, LONDON

HEMPHILL, NOYES & CO.

Investment Securities

37 Wall Street, New York

Boston Philadelphia Buffalo Scranton Albany Syracuse Baltimore Jansen Noyes '10 Buffalo

Charles E. Gardner

Stanton Griffis '10

Harold C. Strong

Clifford Hemphill

Member New York Stock Exchange

Cascadilla School

College Preparatory School

A High-Grade Boarding School for Boys Summer School

July to September, especially for College and University Entrance Examinations

Special Tutoring School

For Private Instruction in Preparatory Subjects Throughout the Year

Trustees

F.C.Cornell Ernest Blaker C.D.Bostwick

Our 1919-20 Catalog will appeal to that schoolboy you are trying to interest in Cornell

A postal will bring it.

The Cascadilla Schools Ithaca, N. Y.

ROMEIKE PRESS CLIPPING **SERVICE**

is prepared to supply you with current information from the newspapers and magazines on whatever subject may interest you. Be it politics, be it business, be it science, there is mailed to you daily just what you want to read from

> 3000 newspapers 1000 magazines

PRESS CLIPPINGS are becoming more and more a necessary adjunct to progressive business.

> "If it's in the papers we get it out"

ROMEIKE

is synonymous with press clipping service.

Henry Romeike, Inc. 106-08-10 Seventh Avenue New York

ATLANTIC TRADING COMPANY

Havana

Cuba

Cuba 17, Cor. Empedrado

IMPORTERS AND DISTRIBUTORS of ENGINEERING EQUIPMENT and STEEL PRODUCTS

Cable "Atlanco-Habana"-P. O. Box 2273

The Mercersburg Academy

Prepares for all colleges and universities: Aims at thorough scholarship, broad attainments and Christian manliness ADDRESS

William Mann Irvine, Ph.D.

President

MERCERSBURG, PA.

Sheldon Court

A fireproof, modern, private dormitory for men students at Cornell. Catalogue sent on request A. R. CONGDON, MGR., ITHACA, N.Y.

Executor

Trustee

Chartered 1822

THE FARMERS' LOAN AND TRUST COMPANY

Nos. 16-22 William Street Branch: 475 Fifth Ave. at 41st Street New York

LONDON

PARIS

Letters of Credit Foreign Exchange Cable Transfers

Administrator

Guardian

Member Federal Reserve Bank and New York Clearing House

CORNELL ALUMNI NEWS

Vol. XXIII, No. 18

Ithaca, N. Y., February 3, 1921

Price 12 Cents

by fire and the gnawing tooth of time, the windowless walls of President Schurman's home are a sight to draw the pity of those who have known the charm of the Schurmans' hospitality. Wreckers are at work, and in another week or so nothing will be left but the ruined trenches of the cellar. All the houses on East Avenue between Rockefeller Hall and the State road that skirts Beebe Lake are being razed for the new Chemistry Building.

SIGMA XI held an open meeting at the Poultry Building to see the results of science as applied to the chicken business. Members and guests saw the application of electricity to incubation and increased egg-laying as the result of illumination, and learned the newer methods of feeding, breeding, and marketing poultry products.

SENIOR WOMEN gave a reception to the Faculty last week in Sage College. Miss Ellen Rumsey, contralto, sang with a skill and charm that endeared her to the entire audience. Professor James T. Quarles played the accompaniments.

IT IS REPORTED that the University of Oregon wishes to tempt Coach Dobie away from Cornell with an offer of \$8,500 a year.

TELEPHONES were never so busy as on Sunday, January 30, when the new automatic system went into effect and the independent Ithaca line went out of business. Everybody desired to see whether the "durn contraption" would work; incidentally the professors of English were introduced to a new verb,—"to dial, dialing, dialed."

ANOTHER NEW COURSE offered for the first time during the coming term is given by the Forestry Department of the College of Agriculture and is entitled "Forestry Resources of New York." It is offered by Professor Arthur B. Recknagel, and deals with the place of forests in the social and economic welfare of the State; it takes up the forest industries of New York, public and private forest holdings, and puts special emphasis on the utilization of farm woodlot products.

Honor system notices have been posted in all the rooms of the College of Agriculture. They read as follows: "Examinations in this room are conducted under the honor system. Where each one has honor all have honor. This

notice is posted for students by students."

Major Waldo Potter, U. S. A., inspected the artillery unit at Cornell last week

SIGNORA OLIVIA ROSSETTI AGRESTI, who delivered two lectures before University audiences last week, met a small group of Faculty members at the home of Professor George N. Lauman to interest them in a direct support of larger appropriations from this country for the International Institute of Agriculture at Rome, and for more adequate pay for the American delegate at the

DARTMOUTH'S winter carnival at Hanover, on February 10 and 12, is reported as including entrants from Cornell, along with Williams, Vermont, McGill, Middlebury, and Colgate.

THE RIFLE TEAM competed with Colgate on February 2. Each team shoots on its own range and the results are verified by wire.

THE SAGE CHAPEL preacher for February 6 will be the Rev. Dr. Samuel S. Tyler, rector of St. Luke's Episcopal Church of Rochester.

TERM EXAMINATIONS began on Monday and will run until the evening of February 9.

The Quadwrangler, who writes a column of editorial comment on educational affairs in *The Boston Transcript*, commends ex-President Schurman's annual report in respect to that part which advocates the elimination of the academically unfit, quoting the passage: "Those to whom the scholarly life makes little or no appeal may be excellent fellows and well fitted for other activities, but they are not the material of which a university community should be composed."

OF THIS PAPER, the Quadwrangler says: "If The Cornell Alumni News ever decides to discontinue Romeyn Berry's breezy 'Sport Stuff' the Quadwrangler will stop his subscription forthwith and leave that excellent paper to get along without him as best it can."

JUNIOR WEEK carries few premonitory symptoms this year. Perhaps every one is interested in final examinations this week, leaving the activities of the next to burst forth in a blaze of glory. On at least one of the days, it is stated, there are no open dances. The auto-

mobile liveries will miss some of the revenues that come from conveying loads of gladsome girls.

THE SHELDON MEMORIAL south of Goldwin Smith Hall has been given a winter overcoat in the form of a whitepainted shed to protect it from the rigors of an Ithaca winter. Built of Carrara marble, the memorial is in danger of disfigurement because of frost checks where moisture enters the fine seams of the stone. Some have advocated coating the marble with an impervious material to keep the moisture out, and say that the shed may offer no real protection. The experience of the Federal Government with the Greenougu statue of Washington, also of Carrara ·marble, on the east plaza of the Capitol, leads to the conclusion that a wooden protection during winter may be ineffectual. After many years of housing this heroic figure in a collapsible barn, it was finally moved indoors, with George permanently disfigured where his features froze.

THE SAGE CHAPEL music was conducted for the last time by Professor Hollis E. Dann last Sunday. He left shortly after for a business trip in connection with his new work as music director for Pennsylvania. Although on sabbatic leave he will return to Ithaca for Summer School sessions, going to Pennsylvania when the schools open there in the fall. Director Dann was visibly affected, as were the members of the choir. They had presented him with a desk set as a souvenir of the cordial relationship which had existed.

SIDNEY L. HOWELL retired February 1 from the firm of Wanzer and Howell, a store familiar to Cornellians for twenty-one years, for "an extended vacation."

THE SHAKESPEARE PLAYERS, a professional troupe brought to Ithaca by the Cornell Dramatic Club, gave four plays of the Irish Renaissance at the Lyceum on January 20. The plays were Synge's "In the Shadow of the Glen" and "Riders to the Sea" and Lady Gregory's "The Rising of the Moon" and "The Gaol Gate."

SERGEI RACHMANINOFF gave the second concert in the University series in Bailey Hall on January 24.

THE CORNELL BIOLOGICAL SOCIETY has been reorganized after a lapse of nine years. Ten graduate students and two seniors are the new "charter" members.

The Real Story of the Race

Former Varsity Cross Country Man Describes the Roehampton Duel from the Sidelines

The following letter was sent by Barrett Smith '04 from London to his classmate and former teammate, Fred W. Poate, who is now with Mackenzie and Company, Ltd., in Shanghai. Both were on the varsity track and cross country teams.

I am sending clippings of the Cornell race with Oxford-Cambridge. In the main they tell the story very well. They even reflect a little of the camaraderie which has been at all times manifest on both sides, but they do not tell of the great enthusiasm and fine encouragement impartially given all contenders by the big crowd which booked both sides of the course for hundreds of yards along the last half mile. This was when we were finishing two men in the first three, and none who had not followed them around the course and seen during the latter stages how the rest of both the teams stood, might tell but that the big England.

Would you have dared predict, in our freshman days of worshiping at the shrine of Badminton in the University Library, that such a thing as this might happen within so few years, as time goes,—almost a drawn race between Cornell and England's united best over the Roehampton course? (Note that the time was near the course record.)

The old Hill training stood the boys in good stead at the critical point of the race. Indeed our strategy decided upon before the race was our old timehonored one: "Give it to them on the hills." I had walked over the course and found that the place to do it was just after entering the third quarter of the race on the mile-long climb through Wimbledon Street to the Wimbledon Common. McInnes was too good—I expect he could have run up Pike's Peak with the same jaunty stride and flashing smile—but behind him up Wimbledon Hill his fellow countrymen were in difficulties. Carter followed McInnes with nobody near him. Then came Mc-Dermott and Montague, then the two Browns and Seagrove, then Bonsall, Sutton, and Anderson. It was a succession of duels as challenge after challenge was given and accepted, but when the top was reached with the straight away of two miles of swift level foot-ing to the finish, it was clear that Britain's supremacy at this time-honored game was tottering and might fall. Montague was barely holding McDermott, N. P. Brown finally got past Seagrove and set sail for home, and little Bonsall produced one final spurt that Sutton and Anderson could not answer. And there you have it. Montague clung gamely to Mac till a quarter of a mile from home, and then was through. Marsh of Cambridge and Grace of Oxford ran finely with no Cornell men close to them through the last three miles, but N. P. Brown, having passed Seagrove coming in to the common, was not content, and steadily gained on Marsh right up to the finish, where only seven seconds separated them.

McDermott had been suffering from a

cold and threatened tonsilitis for several days, and at Oxford on the 28th we gave him some medicine to break it up which touched his heart, so that the doctor substituting for the regular physician at Magdalen College during the Christmas holidays said he ought not to run. A London specialist, however, reversed this verdict. Of course Montague, who was chief host at Oxford, knew all this; so when Mac and he were having it hot and heavy on Wimbledon Hill, he growled at Mac: "Where is that dammed heart of yours? I can't see anything the matter with it!"

The First Fiftieth Reunion

Class of '71, Through Its Secretary, Says That Cornell's First-Born Will Gather in Force Next June.

The class of 1871 will hold the first fiftieth reunion ever held at Cornell at Commencement time next June. Its secretary, R. G. H. Speed, was unable to be present at the recent meeting of class secretaries, but sent the following letter, which describes Cornell when its first class entered, and prophesies that most of the sixteen living members of the class will attend its reunion in June:

The class of 1871 has the unique privilege of celebrating at the close of the present college year the first fiftieth reunion ever held at Cornell.

While we are few in numbers, there being only sixteen living members, we yield to none of the other classes in a spirit of loyalty and strong devotion to our Alma Mater.

When she opened her doors in October, 1868, we boldly and gratefully entered her portals, for she represented to us new and advanced ideas in education, and we aided in rocking the cradle of the new born institution of learning.

There were only three completed buildings on the rude Campus at that time,—the North and the South Buildings, later known as White and Morrill Halls, and the large frame structure known as the Chemical Laboratory located where Lincoln Hall now stands.

Though her material equipment was very limited her mental equipment was superb, and it has been the great satisfaction of our lives that we sat at the feet of such Doctors of Learning as Andrew D. White, Goldwin Smith, George William Curtis, James Russell Lowell, and Louis Agassiz and drew inspiration from personal contact with such a galaxy of teachers both in the class room and the lecture hall.

If Mark Hopkins sitting on one end of a log and a student at the other, constituted a college, surely we two hundred and fifty students of the earliest days, with such environment and inspiration as these men gave, would pretty nearly

constitute a university.

Though now few in number, the remnant of '71 scattered from Boston to the Golden Gate and from the Great Lakes to Texas, and varying from seventy-one to eighty years of age, expect to gather in a respectable number at Cornell in June next to celebrate our fiftieth reunion and to receive from our Alma Mater the blessing she will gladly bestow upon us as her first-born sons.

Three Successful Banquets

Large Gatherings in Chicago, Cincinnati, and Milwaukee Hear About Cornell Affairs

Three of the stronger alumni associations of the Middle West held successful annual banquets last week, at Milwaukee, Chicago, and Cincinnati. These groups, known officially as the Cornell University Associations of Milwaukee, Chicago, and Southern Ohio, drew representatives from the territory surrounding the cities, with the result that the attendance was approximately one hundred in Milwaukee and Cincinnati, and well over two hundred in Chicago.

The speakers at each banquet were all from Ithaca,—Albert W. Smith '78, John F. Moakley, Romeyn Berry '04, and Foster M. Coffin '12.

Arthur W. Berresford '93 was toast-master at Milwaukee, and among the guests were representatives from Yale, Harvard, and the University of Wisconsin. An outstanding feature of the evening was the revival of all the old songs which had been sung in Ithaca during the last thirty years, an industrious committee having collected and mimeographed them. Moving pictures from Ithaca were shown, together with a minute or two of film of the cross country race in England on December 30.

In Chicago, Lawrence G. Hallberg '09, president of the association, turned the meeting over to "Rym" Berry as toastmaster. In addition to the Ithaca speakers, entertainment was provided by Lincoln N. Hall '18, with his animated banjo, and by Leslie L. Nichols '18, with his English character stories. William F. E. Gurley '75 read an original poem on "Uncle Pete."

At noon of the banquet day two luncheons were provided, at one of which President Smith met informally the principals of most of the Chicago high schools. The other was a reunion of the track team men, to which were invited also the athletic directors of the Chicago high schools.

The banquet in Cincinnati was in charge of Tell S. Berna '12, the retiring president of the association. Bleetker Marquette '15 was toastmaster. The guests included fifty per cent of the survivors of Cornell's first graduating class, 1869, Judge Morris L. Buchwalter and Charles F. Hendryx. Attendance of another member of the class, Dudley W. Rhodes, also a resident of Cincinnati, was prevented by illness.

During the morning President Smith was the guest of President Hicks and Dean August Schneider of the University of Cincinnati, making a complete inspection of the university buildings. The party was entertained at luncheon

by W. H. Schmidlapp '05 at the Queen City Club.

Several hundred high school boys were at Hughes High School when a meeting in the interests of physical development was held. Moakley, Berry, and Berna all stressed the importance of athletic training in the development of American citizens, a system that would result in outdoor exercise for every boy every day, with the development of varsity teams as an incidental result. It was pointed out by Principal Murray of the school that one great difficulty in Cincinnati was the absolute lack of outdoor fields. The Cornell Club at its banquet that night resolved that it would undertake as an important part of its program the securing of this equipment. An effort will be made to enlist the active aid of alumni associations of other universities in Cincinnati.

ENGINEERS ENJOY DINNER

The annual dinner of the Cornell Society of Engineers was held at the Machinery Club, New York, on January 21. It was attended by nearly five hundred of the five hundred and nineteen resident members; the biggest celebration in the history of the society. Since former students of Sibley College were made eligible for membership, three months ago, five hundred and forty former Sibley men have joined the society and they were strongly represented at the dinner. The total membership is now 1,563.

The president of the society, Ira W. McConnell '97, sailed for Brazil on January 19; so the position of toastmaster was filled by Henry N. Ogden '89, vice-president.

The key-note was struck by President Albert W. Smith '78, when he talked in an inspiring way on the subject of loyalty. Col. Arthur Woods, former Police Commissioner of New York City, was the principal speaker of the evening. He compared the duties and training of the engineer and of the "cop."

Dean Dexter S. Kimball pointed out the advantages which he expects will accrue from the combination of the colleges of engineering at Cornell, and enlarged upon President Smith's subject of loyalty.

Dean E. E. Haskell '79, of the College of Civil Engineering, brought a message from Mrs. C. L. Crandall, wife of the late Professor Crandall. The annual dinner would never be complete without a message from Mrs. Crandall, who is held in high esteem by all alumni. Professor Barnes assured the boys that she is still "playing the game" as pluckily as ever.

Romeyn Berry '04 lifted the meeting out of the depths of profound ideal-

ism with his characteristic humorous offering.

Arrangements were under the direction of John D. Anderson '10, and it was largely due to the hard work of his committee that the dinner was such a success.

NEW YORK'S OWN STORY

When J. O. W. '11, secretary of the Cornell Club of New York, replied to a request from F. M. C. '12, Alumni Representative, for a New York alumni story, J. O. W. wrote a letter. Cornell life in New York naturally centers in the Cornell Club. The letter is so clear a cross-section of the activities of a typical group of Cornellians that we reproduce it below:

Dear F. M. C.:

You asked me about Cornell in New York. That is quite a large order. But you can add to the list of well known addresses (such as 120 Broadway and Times Square), No. 30 West 44th Street. Not because any single great personage lives there, but because so many active ones stop there daily.

Last fall a large number of the thirty-four thousand who attended the Cornell-Dartmouth game at the Polo Grounds took particular pains first to stop in West 44th Street to buy seats from Fred Hackstaff '05, and his numerous associates. Fred knew that alumni must have seats to the game, and he had a feeling that the Athletic Association needed the money. So he abandoned his own business for a week and collected \$15,000,—demonstrating that the Cornell Club of New York could become at any time an active outpost of Rym Berry's Ithaca office. Just for good measure Fred sold six hundred or more seats to the joint concert of the Cornell-Dartmouth Musical Clubs held in the Pennsylvania the evening before the game.

That's one item about Cornell in New York,—her club makes a success of any local Cornell event:—Spring Day at the Commodore, athletic contests, concerts, Masque shows, or Endowment Fund,—it is more than a policy of the club's Board of Governors, it's a habit of the members to make each thing successful.

You remember that main New York drive for endowment last year? Well, along near the close somebody asked what the club had produced besides house charges for the luncheons and dinners. Harold Flack '12, the campaign director, sent us the answer from Ithaca: "The members of the Cornell Club of New York have subscribed \$1,252,949 to the Endowment Fund." You would think from that figure we took ourselves seriously—we really had a fine time. "Bull" Durham made speeches,-Louis Fuertes told stories,-Chairman Washburn, Dean Russel of Teachers College, Mr. Sanderson, the Club's President, "Jake" Fraser, Club's President, "Jake" Fraser, George W. Bacon, Max Upson, C. M. Russell, and divers others,—the large men of New York and the younger and smaller but growing rapidly larger,—all "sat in" at one session or another.

And between times of debating at the round table in the grill on what one raisin in grape juice can accomplish, even a newcomer realizes that Cornell in

New York means men in nearly every business and profession, ready to divert part of their energies to Cornell when occasion arises.

Here are the latest club membership figures: 661 residents and a total, with non-residents, of 1147,—an increase of more than 200 since war times; most of these residents can be found around 30 West 44th Street during the course of a week, many of them every day at luncheon or dinner. The out of town members, almost without exception, precede their arrivals in New York by telegrams for room reservations, thus solving their serious hotel problems.

But if that were all,—just the modern facilities,—the Board and the members would feel they were wide of the mark. The important facts are heard around the table about the members and life about town,—how Dr. Robert T. Morris shot a bear; how Bill Pellett '01 managed the victorious campaign of Jim O'Malley '01 for justice of the Supreme Court; facts about the building trades and trout fishing in Canada, and the falling stock market; besides numerous discussions, such as on Why Mayor Hylan?

Any day at any meal you can learn of these things from engineers and bankers, artists, lawyers, and business men. Every week Faculty members from Ithaca drop in to join the sessions. Does any Cornellian need a fresh viewpoint? He can have a dozen for the asking at the club.

Of course I have not told you much here of Cornell in New York. The best way is to stop off for a day at 30 West 44th Street. In the meantime what about Cornell in Chicago, Cleveland and Boston? Tell us something about them.

NORTHERN N. J. PLANS PARTY

The Cornell Club of Northern New Jersey celebrated Founder's Day on January 12, with twenty-five members present at a luncheon at the Down Town Club, Newark. The next luncheon was set for Wednesday, February 9.

The club is planning to pull off the big event of the Atlantic seaboard at its dinner on Friday, February 18, and are inviting the alumni of New York City as well as those of New Jersey. The dinner will be at the Robert Treat Hotel, and is in charge of Donald Munsick. Cornell men who think they can come over are asked to address him at the Firemen's Insurance Building, Newark, so that their names can be added to his mailing list.

The speakers will be Dean Kimball, Romeyn Berry '04, and John Terence McGovern '01. Cornell movies and stunts by Messrs. Little and Ward will add to the entertainment.

THE CLEVELAND LUNCHEON

Alva Bradley '07, president of the Chamber of Commerce of Cleveland, was the speaker at the regular weekly luncheon in Cleveland on January 27 at the Statler Hotel. He outlined the work of the civic organization, dwelling on its importance to the community and

The Endowment by Classes to February 1, 1921

Class	Members	Subscribers	Percentage	Total Sub.	Average	[Cl	ass	Members	Subscribers	Percentage	Total Sub.	Average
69	5	3	.60	701	\$ 233	03	}	502	194	.39	68,375	352
70	9	5	.56	180	36	04	Ł	504	213	.42	105,569	495
71	21	13	.62	2,407	185	05	ó	784	250	.32	$152,\!569$	610
72	94	22	.23	10,565	480	-06	3	815	234	.29	164,601	703
73	114	34	.30	16,731	492	07	7	839	240	.29	119,861	495
74	102	28	.27	23,890	853	08	3	799	243	.30	265,989	1,094
75	86	22	.26	55,507	2,523	09)	806	283	.35	98,439	347
76	78	14	.18	27,714	1,979	1.0)	876	$\cdot 237$.27	88,499	373
77	109	29	.27	9,697	334	-11	L.	806	280	.35	142,641	509
78	93	30	.32	86,590	$2,\!886$	1.2	2	1,025	314	.31	124,488	396
79	88	23	.26	8,945	388	13	3	977	312	.32	101,095	324
80	113	27	.24	9,761	361	14	Ŀ	895	292	.33	87,910	301
81	96	29	.30	57,211	1,972	15		1,288	352	.27	140,922	404
82	7 9	30	.38	12,989	432	16		1,377	386	.28	93,751	242
83	75	$^{-24}$.32	62,006	2,583	1.7		1,556	390	.24	$128,\!101$	328
84	85	31	.36	153,846	4,962	18		1,683	352	.21	$96,\!466$	274
85	73	26	.36	30,003	1,153	19		1,371	284	.16	76,043	268
86	93	37	.40	38,687	1,172	20)	1,406	608	.43	212,034	348
87	112	43	.38	73,934	1,719	21		934	531	.56	201,696	377
88	175	54	.31	90,368	1,673	22		1,074	604	.56	$234,\!590$	222
89	211	70	.33	$95,\!699$	1,367	23		1,235	584	.47	218,665	374
90	279	104	.37	74,47 8	716			Undergr			46,050	393
91	297	112	.38	49,802	445	Sı	peci	al Studer			14,749	152
92	328	133	.41	88,216	667	N	on-(Cornelliai			1,031,410	2,485
93	323	118	.37	$109,\!608$	928			ymous	2		$50,\!100$	
94	330	123	.37	129,973	1,057	$ S_1 $	eci:	al Gift	1		50,000	
95	497	165	.33	118,524	718					-	· · · · · · · · · · · · · · · · · · ·	
96	445	172	.31	$86,\!416$	502				$10,\!298$	\$	6,430,636	
97	433	153	.35	248,881	1,626	- Le	ess]	Duplicate	es 96		$59,\!566$	
98	321	129	.40	50,117	388					-		
99	344	157	.46	$96,\!241$	601				$10,\!202$	Ş	86,371,080	
00	415	193	.47	177,031	917	$ $ U_1	ndis	stributed	273		34,148	
01	431	169	.39	$147,\!356$	871					-		
02	423	161	.38	71,949	446	G	rand	d Total	10,475	\$	6,405,228	

enumerating upwards of thirty committees each of which is investigating a particular subject. Bradley was received with an enthusiasm that demonstrated his popularity among Cleveland Cornellians.

There were eighty present, including Carl H. Bowen '13, a trustee of the Buffalo Cornell Club and chairman of this year's banquet committee. He invited Cleveland to attend their banquet on February 19.

SMITH TELLS OF RACE

At the regular weekly luncheon at the Hotel Essex, Boston, January 24, Barrett Smith '04, who attended the Cornell-Oxford-Cambridge race at Roehampton, related the events of the trip to a large and interested audience of Cornellians and alumni of sister institutions and showed a collection of excellent photographs.

It was apparent from Mr. Smith's talk that the Cornell runners, when called upon to speak at the various dinners and entertainments attended by many distinguished personages in English public life, as well as by professors and dons of Oxford and Cambridge, acquitted themselves with a grace and good

sense which further enhanced the admiration bestowed upon them by their hosts as fleet and enduring runners.

Mr. Smith also gave a short talk on the same subject at the annual dinner of the Cornell Society of Engineers in New York on January 21. The scientific strategy of the race, with an exact analysis of times, distances, and conditions, greatly interested this large gathering of graduates of the engineer ing schools.

ENDOWMENT PASSES \$9,000,000

With an increase of \$161,311 since January 1, representing belated subscriptions, the Semi-Centennial Endowment Fund now totals \$9,113,981, of which sum \$6,405,228 has been raised during the intensive campaign conducted by the Endowment Committee.

Cornell's oldest graduating classes vied with the most recent graduates during the campaign in the struggle for first place in percentage of members subscribing. The honors went to the class of 1871, 62 per cent of whose members made subscriptions to the fund. The two classes preceding '71 made the next best records, 1869 leading with 60 per cent and '70 following with 56.

From the earliest classes, the record passed to the most recent graduates. The classes of 1921 and 1922 tied with 1870 with a percentage of 56, and the present sophomore class, 1923, is tied with 1900 for sixth place, with 47 percent of its members enrolled as subscribers.

The class of 1908 has the highest total amount subscribed, with \$265,989; 1897 is second with \$248,881, and the undergraduate classes follow, 1922 with \$234,590; 1923 with \$218,665; 1920 with \$212,034; and 1921 with \$201,696. The next four classes in amount subscribed are 1900 with \$177,031; 1906 with \$164,601; 1884 with \$153,846; and 1905 with \$152,569.

In computing the members of the classes in the accompanying table, only the regularly registered members of the class indicated are included. The membership figures therefore exclude special, graduate, and medical students, although the subscription figures include them. No deductions are made, however, for the large number of alumni whose addresses are not known by the University. More than 1,500 members of the alumni body were not reached be-



THE FIRST SLIDE OF THE SEASON

The toboggan slide on Beebe Lake will play an important part in entertaining Junior Week guests this year unless a thaw intervenes.

cause letters addressed to them were returned owing to incomplete addresses. The figures in each class are, therefore, substantially higher than the number actually reached by the Endowment appeal.

NATURALIST PAPERS

At the December meeting of the American Society of Naturalists in Chicago, Professor Claude B. Hutchison read a paper on "The Inheritance and Linkage Relation of Shrunken Endosperm in Maize" and collaborated with Professor Rollin A. Emerson in , another paper on "Relative Frequency of Crossing-over in Microspore and Megaspore Development in Maize." Lorrell F. Randolph, of the Department of Botany, was the joint author of a paper on "A Case of Maternal Inheritance in Maize," himself discussing the cytological relations. Professor Harry H. Love presented a paper, read by title, on "The Relation Between Chaff Color and Pubescence in a Cross Between Wheat and Emmer." Dr. Frederick V. Coville '87 was elected a member of the Society.

RALPH H. SMITH '21, of Pittsburgh, won the '94 Memorial Prize on January 10.

GEORGE E. VINCENT, president of the General Education Board, is announced as a Convocation speaker for March 14.

ATHLETICS

Team Defeats Buffalo

The basketball team defeated the University of Buffalo five a week ago last Wednesday night in the Drill Hall by a score of 26 to 14, thus evening the series. The Buffalo team won the game played at Buffalo, January 4, by a score of 23 to 22. The game was rather loosely played and dragged at times. The Cornell team took the lead early in the game and was never headed, the score at the end of the first half being 12 to 6. Rippe led in scoring with four baskets from the floor; Molinet caged three and Sidman made two field and five foul goals.

This was the last game of the first term. The team will not get into action again until February 12, when the Pennsylvania quintet, by many considered the most formidable in the league, will come here to play the Junior Week game. So far Pennsylvania has not been defeated by a league team.

IN THE ARMY BLUE BOOK

Among the names of about six hundred Army officers recently announced as being eligible for duty in the new General Staff Corps of the Army appear those of eight Cornellians. Two of

these, Lieutenant Colonel Joseph W. Beacham '97 and Major Charles F. Thompson, who was head of the Cadet Corps from 1915 to 1917, were officers of the Regular Army. The other six are now civilians, but held emergency commissions during the war by reason of their membership in the National Guard or the Reserve Corps.

Colonel Beacham was a member of the Headquarters Staff of the 26th Division, A. E. F., in 1917, and the next year became Chief of Staff of the 6th Division.

John H. Barker '99 has held the rank of major in the New York National Guard since 1913. He served in Picardy and Flanders with the Headquarters Staff of the 54th Infantry Brigade, 27th Division, and later graduated at the head of his class from the Army School of the Line at Langers, where he was then assigned as a student in the Army General Staff College. He later served as Adjutant of the 157th Brigade, 79th Division, and of the 74th Brigade, 37th Division, before returning to America.

Oscar H. Fernbach '95 was a captain in the Corps of Interpreters, Quartermasters' Headquarters, and later with the Army of Occupation.

In 1917 Alfred Huger was Admiralty Counsel to the Federal Shipping Board. He went to France the next year with the rank of major in the Quartermasters' Corps, First Section of the

The Endowment in N. Y. by Counties

Showing Results of State Wide Campaign---New York City Is Not Included

	Tot	al	Raise	i in	Tota	Total		
	Nov. 1,	1920.	State I	Prive.	Jan. 21,	1921.		
County.	Amount.	No.	Amount.	No.	Amount.	No.		
Albany	\$ 4,905	86	\$ 2,205	15	\$ 7,110	101		
Alleghany	1,165	6	455	4	1,620	10		
Broome	150	2	8,194	49	8,344	51		
Cattaraugus	5,510	3	1,125	5	6,635	8		
Cayuga	4,581	33	1,671	19	6,252	$5\overset{\circ}{2}$		
Chautauqua	1,170	19	1,600	$\overset{16}{16}$	2,770	35		
Chemung	11,367	43	4,867	27	16,234	70		
Chenango	500	1	238	8	738	·š		
Clinton	280	4	495	$\ddot{7}$	775	11		
Columbia	650	4	1,635	11	2,285	15		
Cortland	525	3	3,785	23	4,310	26		
Delaware	500	1	1,461	$\frac{26}{16}$	1,961	17		
Dutchess	610	8	1,795	13	2,405	21		
Erie	166,990	283	10,601	60	177,591	343		
Essex	752	200	300	$\frac{00}{2}$	1,052	4		
Franklin	5,225	5	1,321	$1\overline{2}$	6,546	17		
Fulton	300	2	701	9		11		
Conoggo		19	756	8	1,001	27		
Genesee	$^{1,215}_{0}$	0	125°	2	1,971 125	2		
Greene Hamilton	0	0	0	0	0	0		
	172	7		7		$\frac{0}{14}$		
		19	1,021	10	1,193	1± 29		
Jefferson	2,488		1,395	10	3,883			
Lewis	300	$\begin{array}{c} 2 \\ 24 \end{array}$	50	$\frac{1}{3}$	350	3		
Livingston	$2,635 \\ 775$	8	251	17	2,886	27		
Madison			1,800		2,575	25		
Monroe	79,793	242	37,130	135	116,929	377		
Montgomery	625	11	3,249	16	3,874	27		
Niagara	9,065	36	19,135	58	28,200	94		
Oneida	1,204	15	2,651	31	3,855	46		
Onondaga		109	19,704	78	138,614	187		
Ontario	500	1	4,395	19	4,895	20		
Orange	2,213	$\frac{14}{4}$	3,340	27	5,553	41		
Orleans	205	4	3,180	28	3,385	32		
Oswego	1,820	$\frac{12}{2}$	3,869	28	5,689	40		
Otsego	710	5	2,655	20	3,365	25		
Putnam	1,500	2	250	2	1,750	4		
Rensselaer	1,920	17	1,165	10	3,085	27		
Rockland	0	0	750	$\frac{2}{2}$	750	2		
St. Lawrence	2,452	12	450	5	2,902	17		
Saratoga	2	1	115	3	117	4		
Schenectady	2,075	9	287	5	2,362	14		
Schoharie	55	1	610	3	665	4		
Schuyler	150	1	360	3	510	4		
Seneca	2,275	10	495	6	2,770	16		
Steuben	2,518	15	2,115	16	4,633	31		
Sullivan	125	$\frac{1}{2}$	150	1	275	2		
Tioga	910	5	2,603	14	$3,\!513$	19		
Tompkins	117,780	247	21,043	189	138,823	436		
Ulster	1,230	4	880	7	$2,\!110$	11.		
Warren	5,900	4	6,910	16	12,810	20		
Washington	75	2	11	2	86	4		
Wayne	30	2	6,910	10	6,940	12		
Wyoming	970	12	210	3	1,180	15		
Yates	0	0	$4,\!825$	15	$4,\!825$	15		
	h=00 ===	3.050	#105 BOC	1.000				
Total	5067,777	1,378	\$197,300	1,096	\$765,077	2,474		

General Staff, Service of Supplies. He was the representative there of the shipping Control Committee, being in charge of the debarkation of American troops at a French port.

Lawrence Martin '04 was discharged three days after he enlisted in 1917 because of impaired vision, but was commissioned first lieutenant three months later and taught in the first and second training camps at Fort Sheridan, Illinois. The next year he was transferred to the Intelligence Service and then to the War College in Washington. He

later became a major in the General Staff, A. E. F., and served with the Peace Commission in Paris.

Henry S. Otto '07 was a major in the Quartermasters' Corps during the war and Roy Taylor '10 was a captain and later a major in the Engineers' Corps.

The selection of men eligible for the new General Staff Corps, an important part of the new Army organization, was made by a special board of general officers from a large number of officers whose service merited this distincition.

SPORT STUFF

At North Lake, Wisconsin, on January 27 the Cornell curling team defeated the team of the Milwaukee Alumni Association after a spirited match. The Cornell team was composed of President Smith, Jack Moakley, Foster Coffin, and Romeyn Berry. A. B. Eschweiler captained the Milwaukee outfit which was otherwise largely made up of his sons and Lew Tatum. Curling was new to all of the Cornell team, but they learned it rapidly as the match progressed. Their success was greatly influenced by the coaching and skillful sweeping of their hosts.

Curling is to be added to the rapidly growing list of Cornell's winter sports and is promised the enthusiastic encouragement of Uncle Pete.

The competition for the best design of a club house to house the various winter sports at Beebe Lake has been won by Roger D. McPherson, a student in the College of Architecture, on the verdict of a Faculty jury. His design contemplates a permanent and adequate building of architectural beauty which includes in addition to the expected warming rooms, locker room, offices, check room, toilets and storage space, a tea room and lounge on the second floor. This feature ought to make the place a good deal of a social center in the winter time.

If the plan is approved by the Trustees, the building will be constructed this summer. It is of simple frame construction and is expected to cost not more than fourteen thousand dollars.

R. B.

OBITUARY

Charles H. Lee '77

Charles Henry Lee, a grandson of Gideon Lee, who was mayor of New York in 1833-4, died in Broad Street Hospital on January 1, of cerebral hemorrhage.

Mr. Lee was born in Brooklyn sixtysix years ago. He entered Cornell in 1873, taking an optional course, but remained only one term. He was a member of Kappa Alpha.

He was a prominent leather merchant of New York. After leaving college, he became associated with the firm of Lee & Company, leather merchants, founded in 1804 by his grandfather, Gideon Lee, and was the active head of the concern when it was absorbed by the United States Leather Company in 1893. He was a director of the latter company for several years, eventually resigning to devote his entire attention to concerns

organized by himself. He was president of the Andean Export Company, organized in 1904, and in 1911 he organized the firm of Lee & Company, a leather concern, at 60 Wall Street.

He had leased his house at 24 Gramercy Park, and was living at his Cedarhurst estate. He was stricken while at luncheon at the Downtown Club on December 29, and was taken to the hospital immediately, but did not regain consciousness before death.

Mr. Lee was a member of the Century, Downtown, and Garden City Golf Clubs. He is survived by his widow, who was Miss Lucie C. Whitney, five sons, and two daughters.

Mrs. Charles William Honess '16

Mrs. Charles W. Honess died November 29, 1920, at Norman, Oklahoma, of typhoid fever.

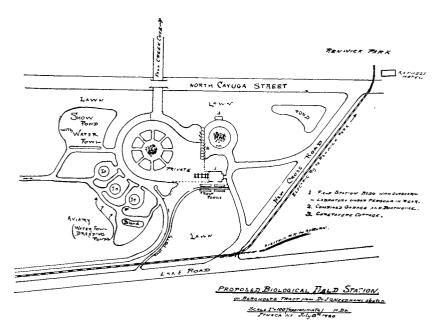
Before her marriage she was Miss Juliette MacMonnies Courant, the only child of Mrs. Margaret MacMonnies and the late Jules Courant. Her father was a Frenchman and she had lived for several years in France at the home of her uncle, Frederick MacMonnies, the sculptor. It was natural that, with this background, she should specialize in the French language and literature during her four years at Cornell. She was unusually gifted in this subject and after being graduated taught French one year in St. Anne's School, Charlottesville, Va., two years at Buckingham High School, Springfield, Mass., and one year at the Montclair, N. J., High School. In teaching this language she was very successful, using the direct method supplemented by original plans of her own.

She was married on July 7, 1920, in Montclair to Charles W. Honess, A.M. '16, and they went to live in Norman, Oklahoma, where Mr. Honess is connected with the State Geological Survey. They both contracted typhoid fever and he has not yet recovered from it.

Mrs. Honess was much beloved by her classmates and as a teacher was very popular. Those who had the opportunity of knowing her but slightly could not help being impressed by her magnetic personality and her sincerity, and those whom she called friends were always confident of her unwavering devotion. Her strong attachment for Cornell is beautifully illustrated by the fact that during her last illness she expressed a desire that her subscription to the Alumni News be renewed for another year, and this has been done.

D. W. '16.

A CORNELL cow, Glista Coreva, brought \$1,175, the fifth highest price, at the State Breeders' sale in Rochester recently.



PLAN OF NEW BIOLOGICAL FIELD STATION

New Biology Station

University Acquires Tract at End of the Lake for Model Experimental Plot.

Partly by purchase and party through the generosity of Mrs. Herman Bergholtz, the University has acquired land for what Professor Needham characterizes as "the best biological field station in this country, if not in the world." The acquisition comprises nineteen and a half acres of land at the north end of the Bergholtz tract, north of Percy Field. It is bounded on the east by the Lake Road and on the west by Cayuga Street. In accordance with the specification of Mrs. Bergholtz that the money which her gift represents be used either for the Endowment Fund or that the land be developed and improved as the Trustees should decide, it has been turned over to the College of Agriculture to be developed as an aquatic park and field station. Money for its development is already available from that appropriated by the Legislature for the College building and improvement program. The gift will also be included in the Endowment Fund.

The waters of Indian Spring, which is included in the tract, will be used for trout ponds, and those of the Lake will be used in other ponds and marshes where plants and animals may be studied in their native environment. An apiary and field station laboratory are planned, the latter to cost about \$15,000. Because the area includes swamp, running water, and high land, it is considered to be almost ideal for the purpose for which it will be used. Unlike the fresh water field stations along the Great Lakes, the weather conditions permit

experimenters to work here most of the year instead of only about six months.

Mayor Edwin C. Stewart of Ithaca has expressed the hope that the city may develop other land in the vicinity so that all of what is now waste land at the end of the Lake may eventually be a beautiful park for public use.

INTERCOLLEGIATE NOTES

Ohio State is asking the Legislature for \$8,972,010 for 1921-3. This is almost three times the amount appropriated for 1919-21 (\$3,158,346.75). Of the amount asked for \$3,129,618 will go for salaries and \$3,945,600 for buildings.

PENNSYLVANIA'S architectural department has scored a triumph. The French Société des Architects Diplomé par le Gouvernement has awarded to Pennsylvania the gold medal for the most meritorious, work of all American architectural schools during 1919-20. Nineteen schools were considered.

PRINCETON'S athletic report for the year ending July 31, 1920, shows a net deficit of \$3,101.55. Football netted \$71,780.52; baseball, \$10,533.08; basketball, \$1,617.41. Track lost \$7,314.76; rowing, \$8,341.97; minor sports, \$3,658.32. The total net revenue was \$59,861.03. General administrative expenses amounted to \$52,997.96, leaving a normal surplus of \$6,863.07, but this was more than wiped out by extraordinary expenses for building and repairs of \$9,964.62.

PRESIDENT HIBBEN of Princeton believes the time has come to restrict the number of students at that institution and points out arguments in favor of a limit of two thousand.



Published for the Associate Alumni of Cornell University by the Cornell Alumni News Publishing Company, Incorporated.

Published weekly during the college year and monthly during the summer; forty issues annually. Issue No. 1 is published the last Thursday of September. Weekly publication (numbered consecutively) continues through Commencement Week. Issue No. 40 is published in August and is followed by an index of the entire volume, which will be mailed on request.

Subscription price \$4.00 a year, payable in advance. Foreign postage 40 cents a year extra. Single copies twelve cents each.

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

Checks, drafts, and orders should be made

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

Editor in Chief: R. W. Sailor '07

Managing Editor: H. A. Stevenson '19
Associate Editors:

Clark S. Northup '93

Romeyn Berry '04

Poster M. Coffin '12

Business Manager:
Circulation Manager:
N. W. W. Macon '98, Chairman
N. H. Noyes '06

Ristow Adams
H. G. Stutz '07
Florence J. Baker
Geo. Wm. Horton
Associate Alumni:
N. H. Noyes '06

J. P. Dods '08

Officers of the Cornell Alumni News Publishing Company, Incorporated: John L. Senior, President; R. W. Sailor, Treasurer; Woodford Patterson, Secretary. Office, 220 East State Street, Ithaca, N. Y.

Printed by The Ithacan

Entered as Second Class Matter at Ithaca, N.Y.

Ithaca, N. Y., February 3, 1921

WHY LOSE PROFESSORS?

Every resignation of a big man from the Faculty because of the call of a richer institution is a body blow which in the mind of a considerable group of alumni seems virtually a knock-out. The University, of course, does not go to pot. It is too complex an organization to be ruined by the loss of a single individual.

There is much truth, nevertheless, in the saying that Cornell is a training school for faculties of its sister institutions. The maximum salary of a professor is not greatly in excess of the minimum. Particularly to men in scientific departments, though in principle it is true universally, there are many opportunities both in commercial work and in institutions with superior endowment for a professor to pursue his researches untroubled by the worries over domestic finances that are common to most Cornell professors even to-day.

It is true also, that a department does go to pot in a sense when a noted individual from its staff accepts a call. He cannot always be replaced and it is doubtful if the department can ever continue without loss of time and prestige. It might often be more economical, if it were possible, to meet the offer of the outside institution, except that too often it is above the Cornell maximum.

It will be a difficult matter to adjust the salary scale at Cornell so that the leaders in a given line can always be retained against the temptation of a higher salary. To overstep the maximum would cause complications in many ways. Furthermore, any surplus of funds that might accrue would find hundreds of uses where progress has been awaiting just this condition. If, then, the retention of our foremost teachers must await an unusable surplus, it will never begin.

The problem can be simply and directly attacked by the alumnus who has the means and who cares. An endowment fund could be given to the University for the specific purpose of providing an honorarium for a given person during his active service with the University. This would virtually fix his compensation at just that much higher figure than his present salary until he retires. Investigation could be instituted to determine the size of the fund needed. When it was no longer needed for this purpose, it could be released for general use, or for the provision for the department, or the founding of a

A general extension of the principle of honoraria would probably work injustices that would be as harmful as the present system of fixed maxima. But it should be possible in many cases for alumni to prevent their favorite professors from leaving Cornell to accept calls from every place on earth that wants to build up its reputation and is willing to pay for it.

LITERARY REVIEW

How to End a Famine

The Housing Famine: How to End It; a Triangular Debate Between John J. Murphy, Edith Elmer Wood, Frederick L. Ackerman '01. New York. E. P. Dutton and Company. 1920. Small 8vo, pp. xvi, 246.

This is a highly interesting book, constructed on a novel plan—a triangular debate, on paper, by three recognized experts, who respectively represent three different points of view. Mr. Murphy is prominently known as a supporter of economic reform, a disciple of Henry George, and a Tenement House Commissioner in New York. Mrs. Wood is a Columbia Ph. D., a writer of note, and an authority on the housing problem. Ackerman is likewise well fitted to discuss this problem. He was the representative of the American Institute of Architects and the Labor Division of

the Council of National Defense in England in 1917, and his studies of British war housing schemes, it will be remembered, were embodied in his book, "What Is a House?" He is also a member of the committee on city planning of the City Club of New York and of the American Institute of Architects.

The whole machinery of civilization is but a means to the end that every one may have a healthful, happy home. The United States is short one million houses, and millions of the houses now in use ought to be scrapped as unsanitary and degrading. How shall this situation be met?

The positions taken by the three jousters are these: Mr. Murphy holds the fundamental cause of the house famine to be an industrial situation which does not allow the workers, in general, enough to provide their families with sanitary, safe, and pleasant homes. The apparent rise in wages does not change conditions. Let Government, therefore, abolish those specific taxes which make it unprofitable for capital to engage in house-building, so that capital shall flow freely into this channel.

Mrs. Wood believes that such measures as these would be temporary and inadequate. She according favors state action. Let the Government itself supply the workmen suitable houses at cost, either indirectly by supplying public credit or directly by the building houses out of state funds, as a state utility.

Mr. Ackerman believes that neither of these plans would work. He indicts the whole industrial system, which aims not to promote the general welfare, but only to maintain profitable prices. He would therefore free the processes of production from that control which views production merely as a medium of investment for profit. He admits that this may be a slow process; he advocates no violent, immediate revolution; but he insists that such a revolution (or evolution) must take place before the worker can be rescued from the slums.

The arguments are clear-cut, forcefully presented, and enlightening.

A Standard Cornell Book

Concerning Cornell. By O. D. von Engeln '08. Ithaca. Geography Supply Bureau. 1920. 8vo, pp. xvi, 457. Price, \$3.50 up.

The second edition of "Concerning Cornell," by Professor Oscar D. von Engeln '08, has recently appeared. This, like the first edition, is a readable story of Cornell University, which will help to stabilize the various verbal histories of Cornell's first half century.

Much has occurred since the first edition of 1917. Andrew D. White has

died; President Schurman has retired; Charles E. Courtney has died; Moakley alone, of the athletic coaches of 1917, remains; Cornell's war activities, the Semi-Centennial, the Endowment Campaign, and the formation of new social and honorary societies, all had to be recorded. In the process an aggregate of thirty pages were rewritten, and scarcely a fifth of the pages of the former book are unchanged in some respect. A half dozen new illustrations appear.

Any Cornellian will find its pages most attractive. If he possesses a copy of the first edition he may be able to help solve some preparatory school students' problem of choosing a college by passing it on, and keeping the revised edition himself.

Books and Magazine Articles

Dr. David Starr Jordan '72 in Science for January 21 writes on Franz Steindachner, the great Viennese ichthyologist, who died on December 10, 1919, at the age of eighty-five.

The Minute Man, organ of the Illinois Sons of the Revolution, in its January issue includes a poem on "The Pilgrims" by William F. E. Gurley '77, State president of the society.

Dr. Vernon Kellogg, '91-2 Grad., permanent secretary of the National Research Council, lectured at Brown on January 10, 17, and 24 on the Charles K. Colver Foundation, on "Human Life as the Biologist Sees It." The lectures are to be published by the Houghton Mufflin Company.

The thirteenth edition of "The Microscope," by Professor Simon H. Gage '77, was published in December by the Comstock Publishing Company of Ithaca. In this edition special emphasis is placed on the dark-field microscope. The book sells for \$3.

The beautiful colored frontispiece of Bird-Lore for November-December is by Louis A. Fuertes '97 and reproduces five cowbirds. Professor Arthur A. Allen '07 writes on "Winter Birds' Nests."

In the Bulletin of the Geological Society of America for September, lately issued, Professor Stuart Weller '94, of the University of Chicago, writes on 'Fossils as Aids in Teaching Stratigraphy, or Applied Paleontology.'

In Economic Geology for December Waldemar Lindgren reviews "The Ore Deposits of Utah" by Bert S. Butler '05 and others. The monograph forms Professional Paper 111 of the United States Geological Survey.

Professor George P. Conger '07, of the University of Minnesota, writes in The Journal of Philosophy for January 6 on "Santayana and Modern Liberal Protestantism." In the same number Professor Boyd H. Bode, Ph. D. '00, of the University of Illinois discusses "Intelligence and Behavior."

In Natural History for September-October, lately received, Dr. Leon A. Hausman '14 has an illustrated article on "Mammal Fur Under the Microscope."

In The Scientific Monthly for January Professor Walter B. Pillsbury, Ph. D. '96, of the University of Michigan, discusses "Selection—an Unnoticed Function of Education."

In The English Journal for January Dr. Charles Robert Gaston '96, of the Richmond Hill High School, writes on "Purposefulness and Cooperation," and Professor R. P. Sibley of the College of Agriculture discusses "A Neglected Form of Argument" (the dialogue).

Hashime Murayama, of the Department of Anatomy of the Medical College in New York, has sixteen color plates of tropical deep sea fishes in the January National Geographic Magazine. Some of the fish are very rare. He painted them last summer in Florida. The pictures are extremely accurate, every detail, such as the number of fins, and even the scales, being carefully worked out.

Professor Millard V. Atwood '10 is the author of a new Cornell bulletin on ''The Country Weekly in New York State.'' This is a part of the recent development of the office of publication in the College of Agriculture, which has also undertaken four current courses in agricultural journalism.

In The Cornell Countryman for January Professor Ralph H. Wheeler '13 writes on "Extension Work Across the Country.'' Professor Laurence H. Mac-Daniels, Ph. D. '17, of the Department of Pomology, describes "Farming and Folks in Armenia." Russell Lord '20, assistant general secretary of the Hampden County Improvement League. Springfield, Massachusetts, discusses "Rural Dramatics as Recreation," By the courtesy of Mr. Andrew J. Lamoureux '74, a speech of Ex-President Benjamin Ide Wheeler, of the University of California, delivered at the Association of National Universities on November 10, 1919, is reprinted in which Dr. Wheeler humorously speaks of himself as a Brown agricultural graduate and then goes on to show how it happened. The speech includes very kindly references to Dr. Wheeler's life at Cornell. Louis A. Zehner '21 reviews R. M. Washburn's "Productive Dairying." John R. Fleming '22 reviews "Productive Horse Husbandry" by Professor Carl W. Gay '99, of Ohio State University.

Professor Frank A. Fetter, Ph. M. '92,

of Princeton, in The American Economic Review for December writes on "Price Economics versus Welfare Economics: Contemporary Opinion." "An Economic History of Rome" by Tenney Frank (Johns Hopkins Press) is reviewed by Professor William S. Ferguson, A. M. '97, of Harvard. Dr. John Bauer, recently of Cornell, reviews Harleigh H. Hartman's "Fair Value," and Harlow C. Clark's "Service at Cost Plans." He also writes on "Control of Public Utility Rates in the State of New York." "The Social Problem: a Reconstructive Analysis," revised edition, by Professor Charles A. Ellwood '96, is reviewed by Henry Pratt Fair-

Frederick L. Ackerman '01 continues his report of the investigation into building conditions in New York in the January number of the Journal of the American Institute of Architects, under the title "The Blot on the Escutcheon."

FACULTY NOTES

DR. CHARLES NAMMACK of the Cornell Medical College, and prominent as an alienist, was one of two physicians who pronounced insane Philip Cooper, who stabbed to death Morris Nimkofsky, editor and founder of *The Jewish Daily Forward*. Cooper goes to Matteawan instead of the death chair.

Dr. Louis M. Massey, of the College of Agriculture, at a recent convention of the National Association of Pickle Packers held on the Heinz pier at Atlantic City, advocated a law to prohibit the sale and shipment of wild cucumber seeds. This cucumber vine used as an ernamental carries the Mosaic disease which renders unprofitable the growing of the cultivated cucumber.

Professor Bristow Adams goes to Manhattan, Kansas, to judge the typographic and journalistic excellence of the newspapers of Kansas in a Statewide contest, and to speak on "The Relation of the Newspaper to Agriculture" at the annual newspaper conference on February 9 and 10.

PROFFESSOR CORNELIUS BETTEN, vicedean of resident instruction in the College of Agriculture, has just returned from a trip to several universities in the Middle West to learn their methods of handling the problems in his field.

DEAN DEXTER S. KIMBALL, vice-president of the American Engineering Council, will attend a meeting of the council to be held in Syracuse on February 11. Herbert Hoover is announced as the central figure of the gathering, which will hold a two-day session.

AT A RECENT HEARING before a Con-

gressional committee Professor George F. Warren advocated a tariff on imports of farm products because they can be grown cheaper overseas than here. He believes that by 1924 Europe will owe the United States \$20,000,000,000 including the \$4,000,000,000 now owed to American firms, and the \$9,600,000,000 war-time borrowings from the American Treasury.

Dr. Roy G. BLAKEY, formerly of Cornell, and now professor of economics in the University of Minnesota, at the recent meeting of the Minnesota State Tax Association was elected president of that organization.

ALUMNI NOTES

'72—Solomon F. Forgeus has recently retired from the presidency of the American Penal Chaplains' Association. He has been chaplain of the Pennsylvania Industrial Reformatory for more than twenty-eight years, and is chaplain of the Department of Pennsylvania Grand Army of the Republic. He lives at 810 Miffin Street, Huntingdon, Pa.

'92 PhB—At the holiday meeting of the American Mathematical Society in New York, Professor William B. Fite of Columbia was elected treasurer of the society.

'94—Charles L. Brown, formerly district sales manager at Chicago for the Elliott Company, manufacturers of power plant accessories, condensers, and air extractors, was on November 1 made general sales manager of the company, and is now at the general offices of the company at Jeannette, Pa.

'97 MD-Dr. Ida S. Scudder is president of the Vellore Medical School, which is described as the answer of Christian women to the pitiful appeal of India's suffering women, who are born, live, and die with no medical aid. High caste women cannot be treated by men, and the superstitious women of the lower class shun Government hospitals. The British Government could not touch the work without the aid of medical women, and few doctors seek the trying climate, rigorous work, and small pay of the medical missionary. The Vellore Medical School was founded to train the women of India for medical service; Dr. Scudder, the president, is the granddaughter of the first medical missionary to India. In 1918, sixty-nine women applied for entrance, but only eighteen-were permitted to enter. One hundred and twenty-five applied for the class of 1921: not all of them qualified, but it shows their desire to study medicine. Dr. Scudder is said to have more influence with the English than any other person in medical matters.

'01 ME—Mr. and Mrs. Wallace J. Childs spent the month of October in Bermuda.

'04 AB—Cecil J. Swan is assistant manager of the specialties department of the American Radiator Company, 816 South Michigan Avenue, Chicago.

'05 ME—Mr. and Mrs. Samuel A. Bingham announce the birth of a daughter, Ann Dearden, on December 20.

'05 AB—Andrew W. Newberry left New York on November 27 to report on mines in northern Nicaragua. He arrived in Leon on December 16, and left on the 18th for the interior, to spend six weeks or two months. Mail for him will be forwarded from 2 Rector Street, New York.

'05 AB—Science for January 21 publishes the following: "Major Lawrence Martin, the Gilman Memorial Lecturer in Geography at Johns Hopkins University for 1920-21, has been demobilized after three and one-half years' service in the United States Army, and has entered the State Department in Washington. By order of the Secretary of War, after selection by General Pershing and a board of officers, Major Martin has been placed on the General Staff eligible list."

'08 ME—Mr. and Mrs. Edwin A. Stillman announce the birth of a son, William Rogers Stillman, on November 23. Mrs. Stillman was formerly Miss Louise Huff, of Columbus, Ga., well known to the motion picture public as a star with Famous Players and other producing companies. Stillman is president of the Watson Stillman Company, manufacturers of hydraulic machinery, 50 Church Street, New York.

'09 BSA—Stephen F. Willard, jr., is with the Fottler, Fiske, Rawson Company, "The Seed Store," Boston, Mass. He lives at 17 Cheriton Road, Wollaston, Mass.

'09 ME—Major Alexander C. Sullivan, C. A. C., is in charge of the Coast Artillery R. O. T. C. Unit at the Agricultural College of Utah, Logan, Utah.

'10 CE—Mr. and Mrs. Howard T. Critchlow announce the birth of a son, George Franklin, on October 26. Their address is 577 Rutherford Avenue, Trenton, N. J. Critchlow is water engineer of the State of New Jersey. Mrs. Critchlow is the daughter of Professor and Mrs. G. S. Moler, of Ithaca.

'11 AB—Mr. and Mrs. J. Eugene Bennett, of Youngstown, Ohio, announce the arrival of twin sons, George Osborne and Hugh Norman, on November 18. They have another son, two years old. Bennett is a member of the law firm of Hine, Kennedy, Manchester, Conroy & Ford, 1201-1208 Wick Building, Youngstown, Ohio.

'11 LLB—Richard I. Stearns, 2d, is vice-president of the Stearns Lime and Stone Company, 154 West Randolph Street, Chicago.

'11 ME—William H. Reid is general night foreman for the American Locomotive Company, of Schenectady, N. Y. He lives at 115 Rankin Avenue, and has two children, Richard Alfred, aged two and a half years, and Ruth Goodwin, aged one year.

'11 CE—Clarence H. Davidson, designing engineer of the Board of Public Works, of Manila, P. I., has recently completed the design of a new reinforced-concrete pier for Manila, which will cost about \$5,000,000. He returned to the United States early in January, and is living at 301 East 161st Street, New York.

'11 CE—Nathan R. Finkelstein has recently been elected secretary and treasurer of Sam Finkelstein & Company, 801 Broadway, New York. He lives at 157 West Seventy-ninth Street.

'12 BSA; '12 BS—A son, Robert Browning Goodman, was born on June 3 to Mr. and Mrs. Alpheus M. Goodman (Clara Browning '12), of Forest Home, Ithaca. Goodman is an assistant extension professor in the Department of Rural Engineering of the College of Agriculture.

'12 AB—Miss Katharine A. Donlon was married on November 24 to Daniel J. Crowley, a graduate of Columbia University, who is head of the Department of Industrial Art at the State Normal College at Bowling Green, Ohio. They are making their home at 226 South Main Street, Bowling Green.

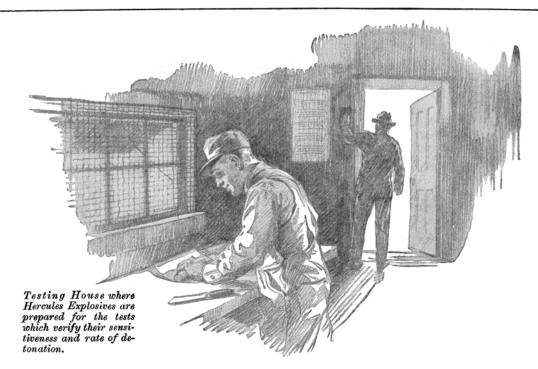
'13 CE—Lieut. C. Reid Johnson, Civil Engineer Corps, U. S. N., is stationed in the public works department, Submarine Base, New London, Conn., in charge of all construction and repair work at the Base.

'13 ME—Clinton W. Brown is manager of Plant No. 5 of the Certainteed Products Corporation, Niagara Falls, N. Y.

'13 ME—A daughter, Mary Alice, was born on June 1 to Mr. and Mrs. Karl G. Kaffenberger, 33 Berkeley Place, Buffalo, N. Y. Kaffenberger is a service engineer with the Pierce-Arrow Motor Car Company.

'14 BS-William K. von Fabrice is head of the department of mathematics at Canterbury School, New Milford, Conn.

'14 BChem, '17 PhD—Howard I. Cole has accepted a position as organic research chemist with the Bureau of Science at Manila, P. I. He sailed from San Francisco on December 29, on board the Shinyo Maru, and expected to visit Hawaii, Japan, Korea, and China



The Testing Ground

In every high-explosives plant of the Hercules Powder Co. the *testing* of dynamite plays an important part in the day's work. Just as the most modern and efficient dynamite machinery is never considered infallible; just as the simplest and most obvious process is never taken for granted; so the accuracy and uniformity of the finished product is never conceded without complete verification.

Every lot of dynamite, after it has passed the chemical laboratories, must be tested repeatedly for sensitiveness by actual explosion before it is shipped. Upon the men in charge of this important work at the Testing Ground depends, in no small measure, the uniformly high quality of Hercules Explosives.

It is because of this constant testing—this skillful verification of quality—that, wherever Hercules Explosives are used—in blasting out a stump or a mountain, in diamond mines or stone quarries, digging a ditch or changing the course of a mighty river—their power can always be depended upon by those who seek their aid.



HERCULES POWDER CO.

Chicago Pittsburg, Kan. San Francisco Salt Lake City Pittsburgh, Pa. New York



Chattanooga St. Louis Denver Hazleton, Pa. Joplin Wilmington, Del. enroute. After two years in Manila, he hopes to spend several months in travel through India, Egypt, and the European countries before returning to the United States.

'14 ME-Mr. and Mrs. James Van Inwagen, jr., announce the marriage of their daughter, Jean, to Charles K. Bassett on February 1. Mr. and Mrs. Basset will spend the month of February in California, where their address will be Eleven Oaks Inn, Monrovia; after March 10 they will be at home at 230 Starin Avenue, Buffalo, N. Y.

'14 LLB-John E. Durkin has opened an office at 1,025 Marine Trust Company Building, Buffalo, N. Y., for the practice of law, specializing in railroad and interstate commerce law.

'15 AB-Harold A. Phoenix was married on May 1, 1920, to Miss Dorothea R. Panton, daughter of Mr. and Mrs. John Panton, of Davenport, Iowa. They are now living in their new home, 2,505 Fulton Avenue, Davenport. Phoenix is vice-president of Geo. M. Bechtel Company, bankers, of Davenport.

'15 BS-Austin J. McConnell is teacher of agriculture in the Newton, N. J., High School. He lives at 98 High Street.

'15 BChem-Announcement has been made of the engagement of Miss Voltairine Blume, of Brooklyn, to David Fishkind, who has been associated since 1915 with the Verona Chemical Company of Brooklyn, N. Y., as chemical engineer. Fishkind lives at 430 West 122d Street, New York.

'15 CE-George W. Supplee is superintendent of the Ore Docks of the Philadelphia and Reading Railroad. He lives at Haddon Heights, N. J.

'16 ME-Charles P. Tymeson has resigned from Walter Kidde & Company, constructors and engineers, to take over his father's interest in the firm of Me-Guire-Tymeson Company, retail hardware dealers, of Johnstown, N. Y.

'16 BS-J. Tansley Hohmann is assistant treasurer and general purchasing agent for the Hohmann-Nelson Company, of Eau Claire, Wis., a new and rapidly developing concern manufacturing industrial thermometers, temperature and pressure controllers, and kindred instruments.

'16 ME-Mr. and Mrs. Frederick Jenkins, of New Rochelle, N. Y., have announced the engagement of their daughter, Dorothy Randolph, to Wilton N. Eddy, of Schenectady, N. Y. Eddy is an electrical engineer with the General Electric Company and his mail address is Box 622, Schenectady.

'16 ME-A daughter, Mercedes, was

born on October 4 to Mr. and Mrs. Felipe F. Vidal. Vidal is general manager of the Compañia Azucarera Sautatá, Sautatá, Choco, Colombia, South Ameri-

'16 BS-Louis E. Freudenthal is secretary-treasurer of the Freudenthal Farms Company, incorporated for \$125,-000, operating irrigated farms in the Mesilla Valley, New Mexico. He lives at Las Cruces, N. Mex.

'16 AB-Allan W. Carpenter is with the Du Pont Export Company, Equitable Building, 120 Broadway, New York.

'16 ME-Robert G. Meyler has changed his residence address to 1,708 South Figueroa Street, Los Angeles, Calif. He writes that Robert Gephard Meyler, jr., born last August, is now preparing for Cornell.

'16 BChem—T. Baldwin Prickett has been transferred from Marcus Hook, Pa., to the New York office of the National Aniline and Chemical Company, 21 Burling Slip, New York.

'16 ME—John W. Hill is assistant manager of the Miner & Peck Manufacturing Company, and is associated with the Birmingham Iron Foundry, both of Derby, Conn. He was married on April 24 last to Miss Aline E. Paige, of Bridgeport, Conn., and they are making their home in Bridgeport.

Mathematics

Similarly the triple integral

for all positive values of the variables, such that

$$\left(\frac{\xi}{\alpha}\right)^p + \left(\frac{\eta}{\beta}\right)^q + \left(\frac{\zeta}{\gamma}\right)^r$$

is not greater than c, is equal to

Chemistry



WRITING MACHINE

The only typewriter in the world on which all sorts of writing may be done on the same machine.

Two sets of type on each machine, "Just Turn the Knob" and change from one to the other; or, interchange with any of

 $ALL\ BUSINESS$ ALL LANGUAGES ALL PROFESSIONS

Electrical Engineering

$$\mathbb{E}_{\mathbf{B}} = 2\mathbb{E}(\xi^{-\theta} - \xi^{-3\theta} + \xi^{-5\theta} - \xi^{-7\theta} + \dots).\text{volts}$$

In general writing put the EMPHASIS where it belongs by instantly bringing Italics into position.

Mechanical Engineering

$$T = \sqrt{H^2 + (YA)^2} = Y \sqrt{a^4 + A^2}$$

Particular Features

INSTANTLY CHANGEABLE TYPE.

AUTOMATIC TYPE IMPRESSION.
UNLIMITED WIDTH OF PAPER TAKEN. PORTABILITY. EXCEPTIONALLY BEAUTIFUL WORK. CARBON MANIFOLDS. SPLENDID STENCIL CUTTING.

The Hammond Typewriter Company, 591 E. 69th St.,

ALL DONE ON ONE Hammond

New York, N. Y.

So many men come to you to talk about their business

What a satisfaction it is to find a man who can talk interestingly and helpfully about yours!

LL thru the week you are besieged, with men who want to use your time to their advantage. They have many reasons why you should do something that will be of service to them:

And only once in a long time does a man come who has an idea for you; who can make a suggestion based on the experience of someone else whose problem was similar to yours; who takes as much satisfaction in talking about your interests, as most men take in talking of their own.

You welcome such a friend; no man can have too many. Hence we feel a satisfaction in being able to add a man of that kind to your acquaintance.

We would like to have you meet and know the representative of the Alexander Hamilton Institute in your vicinity.

As a lawyer becomes a better counselor day by day thru his experience with the problems of each new client, so the Institute man grows in value to his friends, as man after man discusses frankly with him the special problems and opportunities of this own life and business.

750 business conferences a day

Day in and day out the representatives of the Institute are in personal conference with at least 750 business men in every sort of business.

Men confide in them problems that ordinarily would not be discussed outside the family circle.

"I have been five years in this job and seem to make no progress," one will say, "What would you do in a situation like mine?"

And because the Institute man has known other men in similar situations, he is able to give an answer based not on theory but fact.

"How can I get into business for myself"

Many men ask that question. Too often they think the answer is merely a matter of capital, or of finding a partner, or of being sure of so much patronage. And the Institute man is able to point out that the reason so many business ventures fail, is because the men at the head have been departmental men and know only their own part in the problem of successful organization.

Selling, accounting, corporation finance, factory and office management, transportation, advertising, merchandising—each of these is a link in the chain. And many a chain that is otherwise strong breaks because one link is weak



The representative of the Institute never intrudes; he never attempts to exert pressure. Every day applications for enrolment in the Modern Business Course and Service are refused to men who, in the opinion of the Institute's representative, are not equipped to profit by it.

You cannot impose on him

Among all the business men in your vicinity the Institute man is unique in this—he can only succeed as you are more successful. He literally has no interests that are apart from your interests.

He has at his command all the research facilities of the Institute. Do not hesitate to call on him for any reasonable service. He represents an institution that owes its whole growth and prosperity to the growth and prosperity of the thousands of men whom it has enrolled.

You have probably read some of the many advertisements of the Alexander

and perhaps you have heard, thru acquaintances, of the Institute representatives and their willingness to serve. But do you know what it is these men represent? Have you ever asked yourself, "What is the Alexander Hamilton Institute—what will it do for me?"

"Forging Ahead in Business"

There is a 116-page book published by the Institute just to answer such questions. It tells what the Institute has done for thousands of successful men, and what it can do for you. It is a book which should be in every thoughtful bussiness man's library, and it will be sent without obligation. Just fill out the coupon below and mail it.

Alexander Hamilton Institute

Print here

936 Astor Place, New York City Canadian Address: C.P.R. Bldg., Toronto Send me "Forging Ahead in Business" which I may keep without obligation.

Modern Business	

Business

Address

Copyright, 1921, Alexander Hamilton Institute

'16 AB—A son, Donald Kenneth, was born on December 30 to Mr. and Mrs. William A. White, jr., 27 Argyle Road, Brooklyn.

'16 AB—Augustus L. Feick has joined the advertising department of the Dunlop Tire and Rubber Corporation of America, in Buffalo, where he has charge of a bureau for the development of retail selling and advertising plans. He lives at 124 Payne Avenue, North Tonawanda, N. Y.

'16 CE—Leslie E. Pierce is an engineer with the Wright Aero Corporation, Paterson, N. J. His mail address is P. O. Box 4, Ridgewood, N. J.

'16 AB—Miss Mary W. Thomson is now living at 62 West 102d Street, New York.

'16 BChem—John M. Ball is a chemical engineer with the Manhattan Rubber Manufacturing Company, of Passaic, N. J. He lives at 85 Van Houten Avenue.

'16 BS—Rodolphus Kent is buyer and representative in Northern Maine for the Great Atlantic and Pacific Tea Company, with headquarters at Presque Isle, Maine. Last year he purchased and shipped for the company nine hundred and fifty carloads of potatoes which were shipped to and consumed through the branch stores throughout New England, New York, and the Middle West.

He says business is not so good this year, due to overproduction of this food product, so that he is given more opportunity to enjoy hunting, snow-shoeing, and other out-door sports of the Maine woods.

'17 BS—David M. Jenkins is operating a farm near New Paltz, N. Y. He is married and has a son.

'17 AB—Raymond Jenkins is attending the Graduate School at Yale, studying for the degree of Ph. D.

'17 BChem—Hollis H. Dann, son of Professor Hollis E. Dann, is chief chemist with the Central Sugar Corporation, Central Fe, Salamanca, Cuba.

'17 AB, '20 MD—Raymond S. Crispell is on the staff of the Bellevue Hospital, and is an assistant instructor in neuro-anatomy at the Cornell Medical College in New York. He has recently served as assistant physician to Bloomingdale's Hospital. Mail should be addressed in care of the Bellevue Hospital.

'17 AB—Ira H. Myers is assistant publicity manager in the foreign department of the Remington Typewriter Company; he lives at 510 West 113th Street, New York.

'17 BS—Miss G. Marion Hess was married on November 18 to Roy W. Shaver, son of Mr. and Mrs. Jerome Shaver, of Lyon Falls, New York. They are making their home at 709 Floyd Avenue, Rome, N. Y.

'17 CE; '18 AB—Mr. and Mrs. Charles A. Hoffman (Margaret L. Chapman '18), of 153 North Fourth Street, Reading, Pa., announce the birth of a son, Charles Allan, jr., on October 23, 1920. In our issue of January 13 the date was erroneously given as October 31.

'17 BS—Mr. and Mrs. Ralph C. Parker announce the birth of a daughter, Alice, on November 29. Parker, who was formerly county agent for Suffolk County, N. Y., is now agronomist for the Eastern Bureau of the National Lime Association, with headquarters at Riverhead, N. Y. During the past six months, he has traveled over fifteen thousand miles, visiting nearly all the county agents and colleges of New England and eastern New York.

'17 BS—A daughter Barbara Jean, was born on October 1 to Mr. and Mrs. Harold O. Johnson, 846 Newport Avenue, Chicago. Johnson is an accountant with the Randall Graphite Products Corporation, 721 Fulton Street, Chicago.

'18 AB, '21—Robert B. McGraw, a senior at the Cornell Medical College in New York, is serving as a special interne at the Bellevue Hospital, New York.



Men at the top prefer them. Men on the way up can afford them.

FATIMA CIGARETTES

TWENTY (20) for 25 cents

Don't Guess at What Feed Is Worth

Scales are used everywhere, from drug stores to steel mills, but they are no more important anywhere than at the feed trough and behind the cows in the dairy barn. A daily record of feed consumption and milk production is necessary for intelligent feeding. Weigh the feed you are now feeding. Weigh the milk you get. Put down each day, for each cow, what the feed costs and what the milk brings.

BUFFALO GLUTEN FEED

Then get Buffalo Corn Gluten Feed—the milk-producing concentrate—from your dealer. Mix up a mixture with wheat bran or other mill feeds, oats, etc.

Make the Buffalo Corn Gluten Feed one-third, one-half or more of your mixture. Then feed this mixture to your cows, each cow according to her production, but give every cow enough to show what she can do with good feed when she gets a chance. Weigh each cow's feed. Then weigh her milk. A little figuring will convince you that it pays to feed Buffalo Corn Gluten Feed.

Write us for literature giving mixtures for feeding Buffalo Corn Gluten Feed—and sample if you would like one. If your dealer cannot supply you, tell us who and where he is.



PROTEIN MINIMUM TO FAT MINIMUM TO TIBRE MAXIMUM 8.5

100 POUN

Corn Products Refining Co.
New York Chicago

you forever do away with pencil troubles. Then, indeed, writing ceases to be an irksome task. The words flow along smoothly and easily. Thoughts themselves come with less effort. Instinctively your hand lightens its grip. Yes! Eversharp makes writing a pleasure. You will find an Eversharp dealer not far away. Ask him to show you his assortment. Be sure you get the genuine

THE WAHL COMPANY, Chicago

EVERSHARP

Eversharp. The name is on the pencil.

| WAHL | | PRODUCTS | '18—First Lieut. Ernest A. Williams left Fort Ringgold, Texas, on August 14, with the 14th Cavalry. After being stationed at Camp Dodge, Iowa, for three weeks, he took Headquarters Troop to Fort Des Moines, Iowa, where he has been stationed since September 2.

'18 AB, '21—Nelson W. Cornell has secured an appointment as surgical interne for two years in the Cornell division of the New York Hospital.

'18—The following note has been received concerning Val A. Browning: "Val A. Browning has returned from Belgium to his home in Ogden, Utah. He was over there managing the affairs of his father, John M. Browning, the inventor of the Browning machine gun and practically all automatic arms in the world. Val is taking up his father's line, and has some patents himself."

'18 AB—Bernard F. Burgunder is advertising manager of Jay-Thorpe, Inc., 24 West Fifty-seventh Street, New York. He lives at the Sherman Square Hotel, New York.

'18, '20 WA—Victor R. Kaufman is a lawyer, associated with Edward and Joseph Kaufman, 176 West Eightyseventh Street, New York.

'18 AB—Miss Joanna M. Donlon is private secretary to Mr. Charles B. Rogers, president of the First National Bank and of the Oneida County Trust Company, of Utica, N. Y. She lives at 1,323 Seymour Avenue, Utica.

'18 BS—Julian S. Cohen last July severed his connection with the American Apple Products Company, Inc., and is now working as a chemical engineer with the Sigmund Ullman Company, 146th Street and Park Avenue, New York, manufacturers of printing inks and 'dry colors.' He lives at 308 West Ninety-fourth Street, New York.

'18—Phillip E. Van Arnam is teaching at Roberts College, Constantinople, Turkey.

'18 ME—Mrs. A. Randel, of Douglaston, Long Island, has announced the engagement of her daughter, Katherine M. Randel, to John W. Weigt. Miss Randel is a graduate of Jamaica Normal School, and is now a teacher in Public School No. 94, Little Neck, Long Island. Weigt is a sales engineer with the Electric Storage Battery Company, 101 West End Avenue, New York; he lives at 107 Wilson Avenue, Flushing, N. Y.

'19, '20 BS—Harry B. Hoffman is in charge of greenhouses at Washington State College, Pullman, Wash.

'19 AB—James M. Campbell is on the foreign staff of the International Banking Corporation, stationed at the Shanghai branch.

'19-Carl A. Stibolt is in South

Your Alumni News

becomes a reference book, as well as a weekly newspaper, if you deposit it each week in a

BIG BEN BINDER

Each week's copy can be securely fastened in a few seconds.

The cover is dark green buckram lettered in gold. A binder holds a full volume of the CORNELL ALUMNI NEWS.

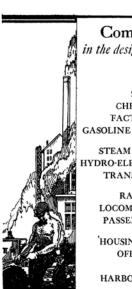
Postpaid \$1.50 Each

We can have your old binder recovered in buckram and rebuilt to fit the present size paper. Send it to us and we'll have it remodeled.

Postpaid 75 cents.

CORNELL ALUMNI NEWS PUBLISHING CO.

Ithaca.



Complete Service

in the design and construction of

SHOPS FOUNDRIES STEEL MILLS CHEMICAL PLANTS **FACTORY BUILDINGS** GASOLINE EXTRACTION PLANTS

STEAM POWER STATIONS DRO-ELECTRIC DEVELOPMENTS TRANSMISSION SYSTEMS

RAILROAD SHOPS LOCOMOTIVE TERMINALS PASSENGER TERMINALS

HOUSING DEVELOPMENTS OFFICE BUILDINGS HOTELS HARBOR DEVELOPMENTS



DWIGHT P. ROBINSON & CO.

Engineers & Constructors 125 East 46 St., New York

CHICAGO · PITTSBURGH · YOUNGSTOWN · CLEVELAND · DALLAS · LOS ANGELES Consolidated with WESTINGHOUSE, CHURCH, KERR & COMPANY INC.

COLCATE'S The Refill Shaving Stick



You needn't buy a new holder

when your pen wears out

NOR do you have to buy a new "Handy Grip" when your Shaving Stick is used up.

Just get a Colgate "Refill" for the price of the soap alone. It screws in easily and quickly-like screwing an electric light bulb into a socket. The soap itself is threaded. There is no waste.

Moisten the bit removed from the "Handy Grip" and press it upon the end of the "Refill." It

There is no need of mussy rubbing in with the fingers when you shave with Colgate's. We took the rub out of shaving originally in 1903.



rie metat Flandy Grip," containing a trial size stick of Col-gate's Shaving Soap, sent for 10c. When the trial stick is used up you can buy the Colgate "Refills," threaded to

Ithaca Cold Storage



Fruit, Produce, Butter and Eggs



J. W. HOOK 113-115 S. Tioga St.



AsaValentine

flowers are most appropriate. Don't forget her on St. Valentine's Day—February 14.

And remember-

We make prompt deliveries of flowers for any occasion to any address in the United States or Canada on short notice, through our Florists' Telegraph Delivery.

The Bool Floral &.

215 East State Street Ithaca. N. Y.

America on business for W. L. Velie, of the Velie Motor Car Company.

'19 LLB—S. Howard Sundell has opened an office for the general practice of law at 5 Beekman Street, New York.

'19 ME—James E. McCune is a salesman for the Pittsburgh branch of the Johns-Manville Company. His present address is Brilliant, Ohio.

'19 LLB—William S. Bennett, jr., is one of the nine lawyers named as aides of District Attorney Philip S. Van Cise, of Denver. These men will be charged with the prosecution of crime in Denver for the next four years. Of the nine men appointed, three are lawyers of long experience, while six served in various capacities during the World War. Bennett is twenty-one years old, the youngest appointee. His offices are now located in the new West Side Court House, Denver. He has also been appointed to serve a four-year term as assistant district attorney for the City and County of Denver.

'19 BChem—Harry Davidson is research chemist in the By Product Coke Works of the Republic Iron and Steel Company, of Youngstown, Ohio. He lives at the Y. M. C. A.

'19 AB—Miss Emma N. Townsend is engaged in educational work with the employees of Hochschild, Kohn & Company, a department store in Baltimore. She lives at 1,210 St. Paul Street.

'19—Harold C. Bowman is now associated with Arthur Anderson and Company, 111 West Monroe Street, Chicago.

'19—John W. De Forest is with the Travelers Insurance Company, Insurance Exchange, Chicago, Ill.

'20 BChem—Willard R. Barrett and Andrew J. Hemmer are assistants in chemistry at the University, and are taking graduate work in philosophy. They live at 114 North Titus Avenue, Ithaca.

'20 BS—Peter LeFevre is milk and food inspector for the City of Dallas, Texas.

'20 BChem—Joseph Diamant is with the Lloyd Winthrop Company, Inc., real estate, 171 Madison Avenue, New York. He'lives at 195 Lexington Avenue.

'20 BS—Miss Winnie M. Barrett is living at 32 Charlotte Street, Rochester, N. Y.

'20 AB—T. Dewitt Dodson was married on Christmas Day to Miss Dorothy A. Estabrook, daughter of Mr. and Mrs. C. V. Estabrook. They are living at 68 Minneapolis Avenue, Buffalo, N. Y.

'20 ME—Sol Schwartzreich is with the Chateaugay Ore and Iron Company, Lyon Mountain, N. Y.

'20 AB; '19-21 G-The Rev. and Mrs.

Attention, Alumni—

We make at our Factory at Forest Home:

Moler Lantern Slide Cases
Flat Top Desks for Cornell University Students
Laboratory Furniture
Office Furniture
Domestic Science Furniture
Equipment for Forestry Buildings

We make and ship all kinds of special cabinets to all parts of the continent.

Your orders will be appreciated

Estimates Free

H. J. Bool Co.

Ithaca

The Chief Cause of Piles

Leading medical authorities agree that the chief cause of hemorrhoids or piles is "straining". Straining is the direct result of constipation, that is, failure of the system to eliminate easily, regularly and thoroughly.

It follows, then, that to prevent piles or to bring about their removal by nonsurgical means, constipation must be overcome.

The Nujol treatment of hemorrhoids or piles is in a large part the treatment of constipation—that is, to bring about easy, soft, regular elimination, in such a way as to make it unnecessary to "strain"; and also to avoid the injury to the tissue by dried out, hardened waste matter.

Nujol not only soothes the suffering of piles, but relieves the irritation, brings comfort, and helps to remove them.

Nujol has no unpleasant or weakening effects. Does not upset the stomach. Does not cause nausea or griping, nor interfere with the day's work or play. Is absolutely harmless and pleasant to take. Try it.





Nujol is sold by all druggists in sealed bottles only, bearing the Nujol trade mark.

Relieves Piles

If you are so unfortunate as to be afflicted with piles, send today for booklet "Constipation as a Cause of Piles", to Nujol Laboratories, Room 710 M 44 Beaver Street, New York City. (In Canada, address Nujol, 22 St. Francois Xavier Street, Montreal.)

Name	•••••	
	•	
Address		

KOHM and BRUNNE Tailors for Cornellians Everywhere 222 E. State St., Ithaca

THE SENATE
Solves the Problem for Alumni
A Good Restaurant
MARTIN T. GIBBONS
Proprietor

A Full Line of Drugs Rexall Products and Toilet Articles

KLINE'S PHARMACY 114 N. Aurora St., Ithaca.

Wanzer & Howell
The Grocers

22

Quality--Service

Jewelers

R. A. Heggie & Bro. Co.

136 E. State Street Ithaca, N. Y.

We have a full stock of Diamonds, Jewelry, Art Metal Goods, etc., and make things to order.

Don't Forget The Corner Bookstores'

Service

It's the same to those away from home as to those that are fortunate enough to be here in Ithaca.

Ask us about personal Christmas Greeting Cards.

John Richards, of Ithaca, have announced the engagement of their daughter, Dorrice Anwyl Richards '20, to Glenn Raymond Morrow, of Crane, Mo. Morrow is a graduate of Westminster College, Fulton, Mo., class of 1914, and is now a graduate student in philosophy at Cornell.

'20 ME—William E. Finkernagel is in the engineering department of the Bradford Brick Company, Bradford, Pa. He lives at 213 Jackson Avenue.

'20—Permission has been granted for Solomon Alhadef to change his name to Solomon Alhadef Rhodes. He lives at 105 Quarry Street, Ithaca.

'20—William S. Covington is in the bond business, associated with E. H. Collins & Sons of Chicago. He lives at 781 Rush Street.

'20 BS—Simon M. Abrahams is a member of the firm of P. Glueck and Company, brokers and exporters of produce, of Port Elizabeth, South Africa. Abrahams was born in South Africa, and came to this country when he was two years old. Although an American citizen by naturalization and by preference, he has now returned to his native country to seek his fortune in the wool,

ALUMNI PROFESSIONAL DIRECTORY

WASHINGTON, D. C.

THEODORE K. BRYANT '97, '98

Master Patent Law '08

Patents and Trade Marks exclusively
310-313 Victor Building

ITHACA, N. Y.

GEORGE S. TARBELL Ithaca Trust Building Attorney and Notary Public Real Estate Sold, Rented, and Managed

NEW YORK CITY

HERMAN J. WESTWOOD '97 Attorney at Law 111 Broadway

CHARLES A. TAUSSIG
A. B. '02, LL. B., Harvard '05
220 Broadway Tel. 1905 Cortland
General Practice

KELLEY & BECKER
Counsellors at Law
366 Madison Ave.
CHARLES E. KELLEY, A. B. '04
NEAL DOW BECKER, LL. B. '05, A. B. '06

TULSA, OKLAHOMA

HERBERT D. MASON, LL.B. '00 Attoney and Counsellor at Law

FORT WORTH, TEXAS

LEE, LOMAX, WREN & SMITH
General Practice
General Practice
506-9 Wheat Building
Attorneys for Santa Fe Lines
Empire Gas & Fuel Co.
C. K. Lee, Cornell 1889-90; P. T. Lomax,
Texas 1899; F. J. Wren, Texas 1913-14;
M. A. Smith, George Washington 1916

hide, and produce business in Port Elizabeth.

'20 WA—Mr. and Mrs. Richard F. Durham are now living at 271 West Eleventh Street, New York.

'20 BS—Thomas K. Chamberlain is operating a farm near Lyons, N. Y. His address is 19 Phelps Street, Lyons.

'20 MS—Francisco M. Fronda attended the summer session at the University of Wisconsin, and attended the annual meeting of the American Association of Instructors and Investigators in Poultry Husbandry held at Purdue University, August 16 to 19. He was with the Poultry Department Division of Marketing, at the New York State Fair at Syracuse, September 13 to 18. He has now returned to the University where he is working for the degree of Ph. D.

'20 DVM—Floyd H. White is practicing his profession with Dr. Frederick H. McNair '05 at 2,126 Haste Street, Berkeley, Calif.

'20 BS—Miss Ethel M. Fortune is assistant director of the University Dining Rooms at Cornell. Her address is Sage College, Ithaca.

'21—Abraham Eliot Miller has received permission to change his name to Elliot Abraham Miller. He lives at Cascadilla Hall, Ithaca.

"ITHACA" ENGRAVING Co.

"An Excellent Engraving Service"
Library Building, 123 N. Tioga Street

"Songs of Cornell" "Glee Club Songs"

All the latest "stunts"

and things musical Lent's Music Store

GOLDENBERG & SON

Merchant Tailors

111 N. Aurora St., Ithaca

NOTICE TO EMPLOYERS

The Cornell Society of Civil Engineers maintains a Registration Bureau. Complete records of 2,000 Cornell men are on file. Employers may consult these records without charge. If preferred, we will recommend a man to fill your needs.

REGISTRATION BUREAU
165 Broadway New York City
Room 2601—Mr. Harding
Phone Cortland 4800





Junior Week Candy

There is just one best place for students to buy candy and that is at the Co-op. We specialize on quality, and Whitman's candy is the quality you are after. You buy the "Shield" chocolates at Christmas time. Why not now. Some like the "Sampler" package too.

And Books

Have you a copy of "Concerning Cornell" for your guests to read? It would take you more than one evening to tell the story and especially so if you did not have pictures to show. The leather binding makes a beautiful gift book.

Cornell Co-op. Society

Morrill Hall

Ithaca, N. Y.