WANTED: PAID SUBSCRIBERS

Since Convention subscriptions to the NEWS LETTER totaling about sixty dollars have reached Chancellor Johnson and the editors of the NEWS LETTER, in order to release Association funds for other essential purposes, the NEWS LETTER appropriation was reduced by the Convention to $160.00, to be used only if voluntary subscriptions in their check to Chancellor Johnson.

The NEWS LETTER will be sent, as in other years, to all members, alumni, and friends of the Association who keep the editors informed of their address. But it is hoped that most of these will join the list of paid subscribers by sending in one dollar or more.

Subscribers to the L. L. Nunn Biography may include their subscription to the NEWS LETTER in their check to Chancellor Johnson.

Changes of Address

The Editor of the News Letter will appreciate the cooperation of all subscribers in notifying him promptly of changes in address.

As in former years, a complete address list will be included with one issue of the News Letter, probably the November issue.

weathering the ordeal of making a speech.

The nature of the relationship between the faculty and the students is a most valuable one. A more genuine companionship exists between them than I have ever seen at Deep Springs, or anywhere, for that matter. And this seems to be accomplished without the loss of any of the necessary respect for the instructors. The Student Body is particularly fortunate in that both members of the faculty are sympathetic with the true nature and purpose of Deep Springs. In addition to Father Meehan's naturally thorough understanding of these matters, the Student Body cannot hold anything in their Dean a surprisingly fine grip of the significance of Deep Springs, and harmony with it.

I was of course as much interested in the Student Body itself as in the situation in which the students are this year. As for the old students, I was strongly impressed by the solidly

(Continued on page 104)

TELLURID E NEWS LETTER
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Vol. XIV No. 1

Wayne Bannister
September 25, 1932

Dear Editor,

I have just made a five-day visit at Deep Springs, and I am now on my way from the Ranch to Stanford. When I arrived at Deep Springs a few days ago, my greatest curiosity was as to just how much the Student Body might be expected to get out of their year's schooling. In view of the much diminished instruction budget, I have come away thinking that all in all, they will fare very well indeed.

The curriculum just now consists of psychology and sociology, taught by Dean Crawford; English and history, taught by our own Father Meehan; geology taught by Armand Kelly of the Student Body; and mathematics taught by Roy Ryden, also a student. Father Meehan is also helping some of the fellows on the side with their French. I cannot help liking the emphasis being placed on the social sciences. It seems thoroughly proper that an institution aiming to make responsible social trustees out of its students should give them guidance in thinking about social problems and curricular time in which to think about them.

I cannot repress my enthusiasm for the teaching method being exhibited at Deep Springs. It seems to be one which, while definitely encouraging student initiative and independent progress, intelligently makes it clear that a well-guided transition to independent study methods must be made for those who have just come from high school. I sat through some classes where the discussion was really stimulating and searching. Questions asked by the instructor called for real thoughts, and questions asked by students were evidence of genuine thought and interest. I do not mean to imply that class procedure was all that could be asked for. There is still room for improvement in the intellectual test of the students. But attempts so far this year seem to me a promise of some very gratifying ultimate accomplishment. Public speaking, which, of course, is still included in the curriculum, seems to be getting along very well. I had a chance to attend one evening of it. It was carried on under student chairmanship. Some truly helpful criticisms of the speakers were made by both the faculty and the Student Body. I was pleased to note that there were two or three of the nine speakers of the evening who really seemed to be primarily interested in sharing some of their own thoughts and observations with the audience, rather than in just

Thundermug

In a letter to R. M. Johnson this summer, T. C. Wurts, son of the late Alexander J. Wurts, gave the following information about the Pemberton Cup, familiarly known at Cornell Branch as the Thundermug:

With reference to the Pemberton Cup, Pemberton is a family name and was my grandfather's middle name. Just what the history of the Pemberton family was I am not quite certain, nor am I definite as to why this name was chosen.

As to the presentation of the cup and the reasons for it, I might state briefly that at the time this cup was presented to the Association, the personnel of the Cornell Branch was very largely made up of engineering students.

Father always felt that the education of an engineer was remiss due to the lack of training in debate and self-expression. Father was very much imbued with the idea that young men, particularly young engineers, should be taught to think on their feet. It was with this idea in view that this cup was presented.

In order to get a suitable design for the cup a competition was held in the design school of the Carnegie Institute of Technology with duly selected judges to pass on the designs submitted. After the proper design had been selected, a cast of the Cup was made in the design school and when this had been passed upon considered study and care was taken in the selection of a proper alloy of bronze to give the desired color effect for the finished product. The Cup was then cast in the trade foundry at the Carnegie Institute of Technology and you now have the finished result in hand.

Very sincerely yours,

T. C. WURTS

Following are the annual winners of the Branch public speaking competition, whose names are engraved on the Pemberton Cup:

D. S. Wegg Jr. 1911-12
J. B. Tucker 1912-13
W. H. Maguire 1913-14
L. Nightingale 1914-15
S. Walcott 1915-16
C. N. Whitman 1916-17
J. E. Meehan 1917-18
A. R. Irvine 1918-19
C. A. Coville 1919-20
J. F. McFadden 1920-21
E. M. Johnson 1921-22
J. W. Thompson 1922-23
H. C. Mansfield 1923-24
H. G. Hayes 1924-25
K. A. H. Murray 1925-26
C. H. Yarrow 1926-27
Morgan Stibell 1927-28
H. C. Scarlett 1928-29

And the annual winners of the Pemberton Cup were:

1929-30
1930-31
1931-32
1932-33
1933-34
1934-35
1935-36
Astronomers

Dear All:

On the assumption that our activities this summer might be of interest to a few, we hereby submit the following summary in a joint letter:

Owing to our complete inability to obtain remunerative employment we bent our efforts to the progress of science, particularly in the field of astrophysics.

The summer's work started by an attempt to develop a process, earlier discovered by Averbach, to plate tungsten with chromium. The surface to be coated is placed in a vacuum chamber near a tungsten wire heated electrolytically with chromium: the wire is then heated and the chromium built off and allowed to condense on the surface in question. The development was accomplished in the application of this process to large surfaces. This was finally accomplished by using a number of chromium plated tungsten filaments distributed uniformly near the surface.

The particular job in mind was the coating of the fifteen-inch Lowell Observatory reflector, which was loaned to us for use at the recent solar eclipse. It should be remarked that the particular advantage of chromium-coated mirrors over the conventional silvered mirrors used in astronomy lies in the non-tarnishability and high ultra-violet reflectivity of the former. It was hoped that with the Lowell mirror so coated and a suitable spectograph, the hitherto unexplored ultra-violet light of the corona could be spectroscopically analyzed. Four weeks of preparation for the expedition were necessary, and at last on August 27th, four cars, seven people, and several thousand dollars worth of apparatus left for New England.

In order to minimize the hazards of cloudy weather, the party was split into two; one group was stationed at Newport, Vermont, and the other at North Conway, New Hampshire. Only modesty prevents us from saying that both parties were completely unsuccessful. The North Conway party witnessed only cloud effects, and the Newport group were seriously hampered by haze. In both cases the spectroscopic results were later found to be valueless.

Following the eclipse, those particularly interested in Astronomy went to Boston to attend the meetings of the International Astronomical Union, and there exhibited some fifteen inches of discolored control glass. Considerable interest was shown in the process, and it was hoped that in time it will prove very useful in astrophysical research.

The Lowell Observatory has been particularly interested and has offered us the opportunity of testing the chromium surface more completely at their mountain station near Flagstaff. Due to the short season there, the work cannot be started until next June. In the meantime a ten inch chromium coated mirror is being used at the Cornell observatory to make preliminary examinations.

Sincerely,

ROBIN H. WILLIAMS

WAYNE BANNISTER

Notes and Clippings

Mrs. C. C. Lathrop, mother of Louis Lathrop, one of the three Tellurides who lost their lives in the World War, died at Pike, New York, on May 6, 1932.

J. J. Nunn, eldest brother of the founder of Telluride Association and Deep Springs, died at his home in Salem, Oregon, on August 2, 1932.

A daughter, Jean Arnold, was born to Mr. and Mrs. Charles H. Schaff, of Rochester, N. Y., on June 10, 1932. She is their second child.

A son, Lee Nevil, was born to Mr. and Mrs. Lee G. Davy at Ithaca, N. Y., on August 26, 1932.

The following members and alumni, more or less attended by family, visited Ithaca during the summer: Earl D. Pruegley, Mr. Foreway, and son Phil; "Tommy" Tomlinson, wife and sister; Mr. and Mrs. Paul Reymann; Mr. and Mrs. John A. Whittle; Thomas J. McPadden; Carroll Whitman.

Walter Well, Mrs. Welts, and their four children were also summer visitors to Ithaca, and will remain throughout the year. Further particulars of Walter's musical work will appear in the next issue of the NEWS LETTER.

Dean Thornhill, Mrs. Thornhill, and Miss Virginia Thorsills are spending the present semester in Ithaca.

Roger L. Dann "announces that he is engaged in the general practice of the law with offices at Middle Neck Road, Great Neck, L. I., N. Y." Tel. Great Neck 1116.

Julius F. Brauner III is honored to his desk at the office of Charow, De Gersdorff, Swayne, & Wood, 15 Broad St., New York.

Huntington Sharp has become associated with Richard W. Ellis, designer and printer of fine books, of the Georgian Press, Westport, Connecticut. Mr. Ellis has done limited editions for Random House, Limited Editions Club, Cheshire House (the publishing company Tomlinson was with for two years), and other well-known companies.

The NEWS LETTER is in receipt of a copy of the Richfield Jumper, September 28, 1932, in which appears an account of the annual Picnic of Telluride Power Company, held at upper Beaver station on September 25, Treasurer BieLanych called attention

(Continued on page four)
The Cornell branch has opened what promises to be an interesting and profitable year, for all concerned. Each college of the university has a healthy representation, and personal interest is increasing. There are four new members of the House who are coming into contact with the Association for the first time. These being:

HASSO VON PUTTKAMER visiting this country for the first time, after having travelled rather extensively abroad, and having studied in France as well as his native Germany. He is doing graduate work in Government and Economics, is interested in boxing, and is proving already, to be very congenial.

A second new man, WAYNE EDMISTER, comes to us from the oil fields of Oklahoma. He has done considerable writing in trade papers, and is now continuing his work in Petroleum Engineering by working for a Master's Degree at Cornell. He is filling the position of graduate guest and promises to be of much value and interest.

And from Colorado we have drawn the third stranger, CHARLTON HINMAN. Mr. Hinman has attended the University of Colorado for three years and plans to graduate in June, following Philosophy as a major. He is interested in track as a formal outside activity, and is a candidate for the Rhodes Scholarship next year. In Mr. Hinman the literary branch of the House finds an ally, and our Public Speaking meetings should be bettered by his past experience in that field.

ORVILLE SWEETING, a Sophomore in the Arts College, majoring in Chemistry, is with us as the second undergraduate guest. He is an Associate Editor on the Cornell Daily Sun, has a promising record for his first year in the University, and has undertaken to put the cat in the accepted manner.

From these men, we turn to introduce three others who have just come this year, from Deep Springs.

CARL ALLEN, a Junior in the Arts College, is planning to follow History and Government. He is interested in Track and Glee Club for outside activities, and reports some interesting work that he helped to do this summer, in some excavating in the Delaware Valley in the company of the Pennsylvania State Archaeologist.

TED RUST has come from a summer in New Mexico to study Architecture, entering as a sophomore in that field. He is planning to do some work in dramatics, and has already gained a presence in the House by organizing a quartet to give a vocal note to that already musical body.

EARL OHLINGER has come from Deep Springs as another undergraduate guest. He is in his first year in the Architecture school, and is playing tennis in a tournament at present, in hopes of representing the Freshman class in that sport. He is a distinct addition to the musical faction of the House as he plays the violin with sufficient assurance to be trusted in public.

The remaining members of the Branch have been here before for varying lengths of time.

ALBERT ARENS of Rochester, has entered his first year in the Law School. He is perpetually active in the Anti-Militarist movement on the campus specifically, and in the country in general; hence the House has felt it safe to place him on the Advisory Committee.

PAUL BAILEY, of Cleveland, is now entering his second year in the Law School. He spent the summer in a New York law office and returns to the House to lead the activities of the musicians and to hold the position of Vice President.

WILLIAM H. BURCHARD, of Lake Bluff, Ill., is continuing his work in History. He plans to graduate in February of 1934.

HUGH DAVY, of Salt Lake City, Utah, returns to the House after having spent the last semester of last year as an undergraduate guest. He is a Senior in Arts, majoring in Economics, and was elected to membership at the 1932 Convention.

ALBERT KELSEY of Washing- ton, has returned after an interesting summer. He was unable to attend the Convention because of a compulsory summer geology camp, but made up for this disappointment by taking himself off to the Tortugas, south of Florida, to spend three weeks in a Carnegie Institution Expedition which was taking some underwater pictures of the local marine life. Mr. Gilbert is majoring in Geology, plans to graduate in June, and do some graduate work thereupon.

BILL KUDER has relinquished the editorship of the News Letter only to assume duties of equal proportion. He is now Branch Secretary and is also Chairman of the Entertainment Committee. He is, at present, a Senior in the Arts College and is planning to enter Law.

WILLIAM LAYTON, of Concordia, Kansas, has the distinction of being the busiest man at the House this year. He is entering the first year in medicine, having completed his pre-Med work last year. Also, he is managing editor of the Cornell Daily Sun, and in order that he might utilize all his time to advantage, the House has elected him to lead it through the difficulties of the coming year.

SAMUEL R. LEVERING is carrying on his work in Pomology and plans to receive his Ph. D. in February of 1932.

DONALD E. RoAD, of Golden, Colo., is continuing his pre-Med work and plans to enter medical school next September. He is a member of the House Advisory Committee and has continued in his position as official chaperone to the visiting clergymen.

PAUL REINHARDT, of Berkeley, California, is back at the House after a year of extensive traveling. He was welcomed to the Sun Board as an Associate Editor, is continuing his pre-Med work and will be here to welcome his brother, Fred Reinhardt, who arrives in February to spend the second semester.

RICHARD ROBERTS, of Ithaca, is continuing his work in the field of Chemistry, planning to receive his A. B. in February. He is still another of the musicians, and has recently become versatile. He plays the piano now, with very nearly the skill he was wont to use on the flute.

GEORGE SABINE, of Ithaca, is now doing graduate work in Physicals and is working with Robley Williams, another Association member; Mr. Sabine is planning to work directly for his Ph. D. which is some two years in the offing.

H. CAMPBELL SCARLETT, of Columbus, Ohio, passed into the graduate school last February and is now doing work in Literary Criticism. He plans to receive his Master's Degree in February and is working under Professor Lane Cooper, a noted authority in his field and a local character who will be remembered by any who may have studied under him in the past.

MORGAN SIEBERT, of Provo, Utah, is back to continue work in Mechanical Engineering, being a Junior in that college. He has recently been elected to handle the finances of the House, but will have few figures to add to those of his predecessors.

ROBERT SHERIDAN, of Piqua, Ohio, another engineer, has yet three years of work to look forward to. He has spent much of the summer playing baseball and is already at (Continued on page four)
CORNELL BRANCH NOTES

(Continued from page three)

work giving the University some benefit from his experience.

FRED SPONDER, also of Piqua, completes the Engineering group satisfactorily. He is in his senior year, and the House is wondering what will happen to the College when he graduates. It is the belief of some that he is helping only his class to graduate, not the entire school, so his loss may not be too keenly.

WILLIAM SULLIVAN, of Amsterdam, N. Y., is now in his third year in Law and is the head of the legal element not only of the House but of the entire Law School. He was chosen Editor-in-Chief of the Quarterly, remains at the head of his class, and is contemplating attending whatever classes are in session when he arrives.

JAMES WITHROW, of Columbus, Ohio, is in his first year of Law and continues to be very active outside, as well as within. The House, Mr. Withrow is now the local campaign manager of the Socialist party and is on the Board of Directors of the C. U. B. W.

The last item of these notes is given with the greatest of pleasure. Nearly every letter which is received at the House inquires after the health of our honored guest, PROFESSOR BURR, and in his own words, it is better than excellent. He is, as always, one of the busiest men on the Hill, and it is certain that this year will be much richer for all here because of his presence.

Self-Support

Four Branch members were able to secure remunerative employment for the greater part of the summer of 1932. Two of these, AL Arent and Hugh Davy, freely admit that it was family drag rather than native capacity which put them in earning positions. AL acted as advertising manager for his father's chain of grocery stores in Rochester, N. Y., and Hugh assisted his father in the insurance business in Salt Lake City.

Jim Withrow learned the secrets of spot-riding in Columbus, Ohio, and Parker Bailey learned a few of the intricacies of New Jersey law practice in a Newark office.

Full statistics have not yet been gathered on employment for shorter periods. Bill Sullivan assisted Professor H. E. Whiteside of the faculty of Cornell Law School for a few weeks, in preparing annotations to the American Law Institute's Recompense of the Law Contracts. Subsequently he worked as a clerk in a grocery store, but that apparently was a "pro tem" job.

Jack Burchard tells us that he worked for an hour and a quarter at forty cents an hour. Normal time required to solve this problem: see any cross-word puzzle column.

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Vice-President Parker Bailey
Secretary W. B. Kuder
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CATPUTTER

Orville Sweeting

Branch Budget

The Branch in its meeting of October 19, adopted a budget, intended to operate the House on a basis of right economy. The budget items follow:

Spent In Appropriat
Budget Item 1932-33 for 1932-33
Reserve $200
Board & Room $4,771 8,750
Entertainment 27 36
Fuel 123 206
Maintenance 646 525
Miscellany, Oyer. 1,133 800
Public Utility 1,256 1,200
Salad & Wages 3,702 2,569

$13,000 $12,000

Fifteen thousand dollars were appropriated by the 1932 convention for the operation of the Branch last year, but Bernt Olson kept expenses to $13,000. This year, with 27 residents to the fact that this picnic might be called a celebration of the 25th anniversary of the power company, since the first station was built in Beaver canyon in 1907.

The Editors regret that this issue consists so largely of Cornell News Letter, but contributions from outside the Branch are always scarce at this season. It is hoped that the next issue will contain chiefly items about the personal and Association activities of members, alumni, and friends outside of Ithaca. If sufficient readers act upon this as a personal request for a contribution, the News Letter will not feel the effects of Uncle Sam's recent increase in postage rates.

Next Issue

The first semester and the second, as compared with 26 last year, the Branch will be run on $12,000. The larger sum appropriated for fuel is explained by the larger supply on hand at the beginning of last year, and by the fact that the winter was unusually mild.