

## CORNELL CHEMIST TALKS ON LEAVES

Sigma Xi Hears Authority On  
Color Changes in Foliage at  
Phillips Hall Meeting

Dr. Wilder D. Bancroft, professor of physical chemistry at Cornell University, speaking at the meeting of the North Carolina chapter of Sigma Xi, gave a talk on "The Chemistry and Physics of Color Changes in Leaves," in Phillips hall last night.

"Three problems which we face in this discussion," said Dr. Bancroft, "are: why are tree leaves, maple for example, sometimes of one color, and again of another; why are they red or yellow, as the case may be, at all; and lastly, why are leaves green ordinarily?"

Then, with the aid of colored slides, the speaker told of his experiments and observations, and stated the conclusions which he had drawn as a result.

### Chemistry

According to Dr. Bancroft, physics deals with the external, physical aspects of the leaf while the chemist must delve into the internal part, taking into account the many little factors thus encountered. The slides exhibited showed the results of the chemical means taken to ascertain the

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## GRAHAM ATTENDS COLLEGE MEETING

Will Lead Discussion on Four  
Phases of College Life

Dr. Frank Graham is attending the annual meeting in Washington of the National Association of State Universities. As head of the committee on "Group Life of Students," Dr. Graham will lead the discussion on four phases of college life: dormitories, fraternities, student finances, and athletics.

This association, formed in 1896, has as its chief purpose the consideration of questions which will promote higher education in all forms in the universities of the United States. It also makes a study of plans whereby the institutions may become more efficient.

### Ph.D. Degrees

The following persons were admitted to candidacy for the degree of Doctor of Philosophy by the administrative board of the graduate school on November 14, 1935.

Those with previous degrees from the University of North Carolina are: Allen L. Alexander, chemistry; E. S. Barr, Physics; Harry Voorhies Bice, psychology; D. A. Brown, English; Weldon A. Brown, U. S. history; E. A. Cameron, mathematics; Dan Fore, Jr., chemistry (organic); Sherwood Githens, Jr., physics; F. C. Hayes, Spanish; Louise Lanham, English; Herman Everette Spivey, English; Laura Corbett Thomas, analytical chemistry; William Waldo Williams, chemistry.

The candidates from other institutions are: J. E. Congleton, English; E. H. Cox, English; Alfred R. Marormac, chemistry; Bernice Milburn Moore, sociology; Harry E. Moore, sociology; Ruth Yeomans Schiffman, sociology; Hugh Preston Smith, education; Howard Tanner, chemistry; Francis Dudley Williams, physics; L. Lyndon Williams, zoology (embryology).

## GROUP TO ATTEND YOUTH GATHERING

Student Delegates to Attend  
State-Wide Youth Conference

A carload of student delegates from the University will go to Winston-Salem November 29, to attend the state-wide youth conference to be held in that city during the Thanksgiving weekend.

Lawrence Fountain, University student will appear on the program with a talk, "Christ in Our Colleges and Universities."

The three days of the conference, Friday, Saturday, and Sunday, will be featured by a banquet Friday evening and a tour of the city and tea on the Salem College campus Saturday. The program offers addresses, discussions, and devotionals every day of the conference.

Delegates are urged to send in their registration blanks as soon as possible to Reverend G.

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## LIBRARY DISPLAY SHOWS EDITIONS OF PUBLICATIONS

Exhibition Cases Feature Three  
New Displays This Week

The exhibition cases on the first floor of the University library boast three new displays this week. The case on the left as one enters the building is filled with a display of all the publications which are published in Chapel Hill.

This exhibit contains 22 publications. Among them are: The Buccaneer, The DAILY TAR HEEL, Carolina Magazine, Carolina Engineer, Carolina Playbook, University catalogue, Tar Heel Topics, Chapel Hill Weekly, Alumni Review, University Facts, the department of philosophy bulletin, the bulletin of the history and government departments, N. C. Law Review, Journal of Pharmacy, language and sociology department bulletins, and a number of library extension bulletins.

The first show case on the right is filled with new books which have been released by the University Press. The book, "Spanish Missions of Georgia" is being featured there, and all the maps shown in the background are originals that are used in the book.

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## 'Y' Cabinet Groups To Convene Sunday

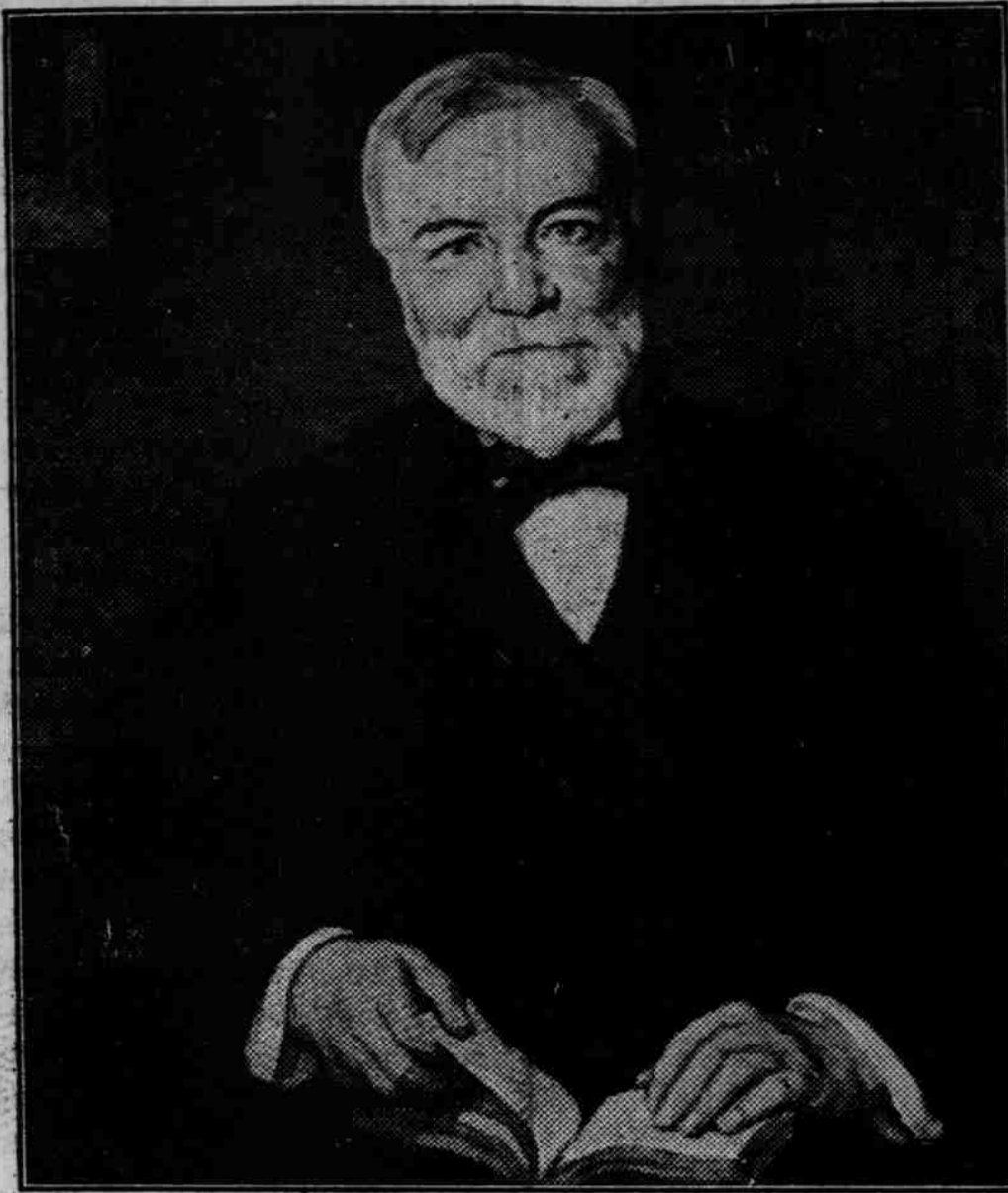
'Y' Representatives will Hold  
Meeting in Greensboro

Representatives from the "Y" cabinets will attend the Y. M. and Y. W. C. A. State Cabinet meeting in Greensboro this Sunday. This meeting is now a permanent organization which will meet from three to six times a year.

The theme of the program of the Greensboro meeting will be to find a satisfactory philosophy of life to cope with the problems of the modern world. Dr. Artman of the University of Chicago whose field is the psychology of character will be the speaker and forum leader.

Nancy Lawlor and Mary Pride Cruikshank will represent the girl's organization which is trying to form a local Y. W. C. A. Cabinet members who will represent Carolina are: S. B. Bradley, E. H. Vick, Bob Magill, Bill Yandell, Ben Wyche, and Leighton Dudley.

## Devoted His Fortune to Education



Andrew Carnegie

ANDREW CARNEGIE accumulated during the first part of his life one of the world's largest fortunes, and during the last part succeeded in giving most of it away, so that he died a comparatively poor man. Carnegie and the Carnegie Corporation of New York, which he established in 1911 to continue his benefactions, have devoted approximately \$30,000,000 to colleges and universities. More than 200 American educational institutions shared in this distribution. In addition, Carnegie spent more than \$60,000,000 in library construction work. Many of his other grants were for popular education and scientific research. Andrew Carnegie was born November 25, 1835, in Dunfermline, Scotland. The centenary of his birth will be observed in the United States and abroad November 25, 26 and 27.

## Glee Clubs to Hold First Joint Concert

Men's, Women's Glee Clubs Plan  
Joint Appearance in December

The men's and women's glee clubs will appear in joint concert for the first time when they sing at Hill Music hall December 11.

Their first trip together will be made to Wilmington on Friday, December 13, when they will give a concert at Thalian hall at 8:30 under the sponsorship of the Men's Club of the Trinity Methodist church.

Three representatives of the Wilmington club came to Chapel Hill Tuesday and made arrangements with John Barney, manager of the club, about the advertising. They plan to publicize

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## September Pay Ready For Federal Aid Men

Self-Help Students Asked to Call  
By Cashier's Office

All federal aid students whose names begin with A through M inclusive are asked to call by the cashier's office today and tomorrow to receive their September pay checks.

According to Edwin S. Lanier, self-help bureau head, all other aid students may receive their checks on Saturday and Monday.

Those checks which have not been distributed by Cashier T. H. Evans by Wednesday of next week must be returned to the National Youth Administration in Raleigh, according to the regulations of the national program.

## CAMPUS KEYBOARD

WHAT the student body is, how it acts, what and how it thinks, have been questions which have upset the equilibrium of more than one educator and student leader.

Usually commentators on the subject engage in platitudes when they refer to the "student body." Without going into lengthy discussions on the subject, but taking the "student body" to mean "the mass of students on the campus," let us examine this society more closely. In matters of classifying collegiate institutions, the student body does not figure. When we talk of intelligent or unintelligent response, we mean the reaction of certain groups particularly affected by the stimulus. When we talk of student government such as ours, we are actually talking about the student leaders who do things and not about the student body which only stands and waits.

But, as the expression goes, they also serve. Take the national situation. We cannot truthfully say that the American people are the democratic government of this nation. The

politicians more nearly approach this condition. The leaders listen pretty carefully to the politicians and so the democratic principle is realized.

Take the campus. Our self-government operates here because a handful of student leaders make it operate and not because the student body participates. Our "liberalism," for instance, is not the liberalism of the student body but of those who are actively engaged in determining whether policies are liberal or not.

The student body's main purpose is to check actions of the leaders. Through its very supineness it checks progressive trends towards more democracy. Through occasional aroused protest it checks trends in the other direction. The actual progress made by student organizations is made by a handful and if the progress is too rapid, the mass of students will hold it down. In other words, the student body, as such, is necessarily a negative factor in student government and activities, if we accept this interpretation.

—P. G. H.

## NATION TO HONOR CARNEGIE'S BIRTH

Beneficiaries of Philanthropist to  
Hold Special Programs

Many colleges and universities of the United States which have benefited from grants by Andrew Carnegie will join with libraries and various other Carnegie trusts in the observance of his birthday centenary on November 25.

Carnegie's memory will be honored by special programs in Dunfermline, Scotland, the philanthropist's birth place. New York, Washington, Pittsburgh, and many other cities will honor him simultaneously.

Hill Music hall, which once housed the library, was built with funds secured from the Carnegie Foundation. The school of library science is now operating on a five-year grant of \$100,000 from the same source. Many smaller grants have been received from the foundation by the University for research work.

## BOLANDER TO GIVE LECTURE SUNDAY ON PRACTICAL ART

Guild Head to Explain Art in  
Fish Cans, Tooth Paste

Using as his subject, "Art in Common Things," Karl S. Bolander, president of the Art Hobby Guild of America, will lecture Sunday afternoon at 3:30 in the Playmakers theatre.

He is brought to the campus under the sponsorship of the extension division. Bolander is affiliated with many state and national art societies and has lectured on various phases of art in many parts of the country.

Miss Corinne McNeirre, field agent in art for the extension division, says, "I have heard Dr. Bolander lecture several times and I find him to be a most interesting speaker. He brings the practical as well as the aesthetic viewpoint in art to his listeners."

Dr. Bolander will attempt to explain the art in such commonplace things as tuna fish cans, tooth paste, tables, mucilage bottles, and scissors. According to Miss McNeirre, he will not try to give a technical discussion of a highly specialized art, but will try to make the ordinary person see the beauty of design and color in things which surround him every day.

## Connecticut Clubmen Prepare Get-Together

Initial Social Function of Year  
Announced by Ferguson

Next Tuesday night was selected by the members of the Connecticut Club for their first social of the year at a meeting last night in Graham Memorial.

The event will be the initial one for the club on the campus and will serve mostly as a get-together for the old and new members, President Fletcher Ferguson appointed Paul Wilson and Treasurer Thomas O'Flaherty to take charge of the arrangements.

It was also decided to invite all Connecticut students, whether members of the club as yet or not, to attend the affair. All are advised to contact the officers of the club today or tomorrow in order to signify their intentions as to whether they will attend or not. It was decided that all those attending must bring dates.

## DOWN'S SUBMITS LIBRARY REPORT

Grants, Contributions Make  
Possible Acquisition of New  
Film Projector

With the aid of a grant from the Smith Research Fund and contributions from George R. Coffman, R. B. Downs, and friends of the library, a Leica film projector has been purchased for the library. This acquisition of this machine has made possible the use of inexpensive film copies of rare books and manuscripts.

Its greatest value is in savings to graduate students and others who must have reproductions of material in collections elsewhere which is available on inter-library loans. The cost of film copies is only a fraction of that of photostats or other methods of reproduction. In time this will result in the building of a research library here.

### Circulation Report

In addition to the above announcement by R. B. Downs, the following library report has been submitted by Mr. Cook of the circulation department: The total circulation of books for the year ending June 30, 1935, was 270,212, which was distributed as follows: main desk, 112,792; reserve room, 103,982; departmental libraries, 53,438; an in-

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## UNION HEADS PLAN CONVENTION HERE

Student Union Leaders will Meet  
Here Early in December

Directors and student presidents, members of the Association of College Unions, will meet here for a national convention on December 5, 6, and 7.

The association meets every year to discuss new improvements and mutual problems of student unions. It is composed of members from almost 50 universities and colleges. Nelson B. Jones of Brown University is president of the group. Paul B. Hartenstein of University of Pennsylvania is secretary. Representatives of Graham Memorial

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### Trabue Speaks

Dr. M. R. Trabue, director of the division of education of the consolidated University, gave the chief address at a dinner given Tuesday night by the faculty of the department of education in the Woman's College at Greensboro.

In his discussion of the work to be done at the Chapel Hill, Greensboro, and Raleigh units, Dr. Trabue stated that the needs of North Carolina must be fulfilled before the schools began imitating the work of other institutions. "If the needs of the state differ with the needs of northern and middle western states," he said, "we must have the courage and intelligence to break with them."

"The young people of the south must be trained to face their own problems," he continued. "They can never be developed into effective leaders by being taught to follow blindly the patterns of thought and action set years ago by other people who were facing entirely different situations in other parts of the country."

Dr. and Mrs. Trabue were the honor guests at the dinner.