

The Technician

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BOARD DISCUSSES POSSIBLE MERGER OF PUBLICATIONS

Publications Group Brings Up
Consolidation of Three
Campus Magazines

SAY ADVERTISING FIELD
INSUFFICIENT FOR GROUP

Wataugan, Agriculturist, and Southern Engineer may be combined according to plans being discussed. No definite action taken; keys voted several staff members by board; banquet to be given March 7.

The combining of the Wataugan, the Southern Engineer and the Agriculturist, to avoid a threatened overflow of departmental publications, to the detriment of the individual magazines, occupied a lengthy discussion concerning the Southern Engineer Wednesday afternoon at a meeting of the Publications Board in Ricks Hall.

Bill New, president of the Engineers' Council, spoke to the board on the advantages of the Southern Engineer. He was told of the conflict between the several publications in obtaining advertising, since there are approximately 15 from institutions in Raleigh and Wake Forest soliciting advertising from merchants in Raleigh.

New told the group that engineers, after graduating, need a knowledge of technical writing, which they will be called upon to use in their various lines of work, and that the magazine which the engineering schools were issuing gave them an added incentive toward writing which would later afford them much benefit. He said too that the magazine was being financed in a large part by the dues paid by all students in the engineering schools, and that its publicity during the Engineers' Fair would be relied upon to take the place of the annual visit here of high school students which has heretofore been sponsored by the engineers during the fair.

The board was told that it was becoming more difficult for the Wataugan to obtain local advertisements since the advent of the Engineers' magazine on the campus, and that the competition being offered by it was exceedingly unhealthy to the Wataugan.

New said that as far as he knew, no national advertisers had been solicited for the publication he represented. The board contended that since the magazine is strictly technical, manufacturers of engineering products should be solicited.

The board then discussed the advantages possible in combining the Wataugan and the Southern Engineer, and possibly the Agriculturist, to produce one magazine which, together with articles from the Textile School, would afford a better outlet for material in the three schools than could competitive magazines, and at the same time would improve present conditions for advertising among the periodicals.

Only those juniors and seniors who have come up to the standard of work set by editors and business managers of the three publications, the Agriculturist, the Wataugan, and the Technician, will be awarded publications keys, after the approval of the Publications Board, it was decided at the meeting. The following men will be awarded keys for their work on the respective publications: Technician, E. S. Knight, J. F. Abernethy, J. E. McIntyre, H. B. Hines, E. J. Lussen; Wataugan, C. H. Kerr, Dave Morrah, Edgar Lowrance; Agriculturist, Rawlings Foote, W. H. McCullen, H. Todd, Albert Conner.

The banquet to be given at the end of the publications, at which time awards will be made, will be held March 7. Rawlings Foote was appointed head of the committee on the banquet, together with J. E. McIntyre and Prof. W. L. Mayer.

THREE GRADUATES OBTAIN COUNTY AGENT POSITIONS

During the past month three graduates of the animal husbandry and dairying departments of State College were appointed county agents in North Carolina.

These men are: C. Y. Tilson, Mars Hill, who became county agent in Hyde County; H. L. Mencham, Raleigh, who became county agent in Halifax County; and H. H. Harris, Pike Road, who became county agent of Tyrrell County. Tilson and Mencham graduated January 1, while Harris was a graduate of last June's class.

All three men were honor students while in college and took an active part in various college activities and organizations.

Brown Discusses High Spots Of Present World Problems

Business' Dean Says Revolution of Socialists in Austria Has Stamp of Success; Says France Having Too Much Internal Troubles to Intervene; United States Faced With Four Major Problems

By J. D. PENDLETON
Dean Brown touched upon the high spots on the rough road nations and men of today are traveling at the sophomore class assembly Wednesday.

"Austria, which before the war formed with Hungary the nation of Austria-Hungary, is essentially German in character," said Dean Brown. "The Socialist Republic favors union with Germany, but nations of Europe fear the concentrated power of the union. Also Premier Dollfuss is fighting it and to keep his power. Apprehensive of the treatment which they may receive when Dollfuss realizes his Fascist aims, the Socialists have started a civil war in Austria, and it has the stamp of success. Although France would like very much to intervene, she is having too much trouble of her own to do anything about the revolt. Due to the bank scandals of the regime similar to the oil scandals of our own country, France is in the weakest condition since the present republic was established. Just as the universally respected Washington was called to take the reins of his country in its weak infancy, Domergue, the venerated former President of France, has been called to the premiership as the one most

acceptable to all parties in hope of riding out the storm. The pretender to the French throne of the Bourbon line and the heir to Napoleon III have both announced their willingness to become king as a result of the royalist agitation. France as a power in Europe is weakening, and it looks like renewal of war."

"The present administration in the United States is faced with four major problems," said Dean Brown.

First: The money problem has for the first time in the history of our country seen the gold content of the dollar changed from the standard of 23.22 grams. The change to around 15 grams is merely to make the gold dollar line up with the dollar of commerce.

Second: What is the best way to take care of unemployment? We have had opportunity to see the evils of the dole in England. President Roosevelt has seen fit to put men to work, letting them keep their self-respect and perform productive civil and public enterprises.

Third: Production must be planned and controlled.

Fourth: Foreign relations. The administration has seen the first Russian

(Please turn to page three)

News Commentator



B. F. BROWN

The dean of the Business School is a regular speaker at the Sophomore Assembly. In his talk Wednesday he gave a review of the highlights of the present world conditions.

ACTORS TO GIVE NEW TYPE PLAYS

College Dramatists to Present
Varied Program in Pullen
Hall Tuesday

The Experimental Theater will present, in collaboration with the class in Parliamentary Practice, a varied and interesting program of impromptu and extemporaneous dramas and melodramas, in Pullen Hall, Wednesday, February 21, at 8 p.m., announced Prof. E. H. Paget, director, yesterday.

The program which is made up of impromptu plays is divided into four parts. The first play will be an extemporaneous impromptu melodrama, called "The Mystery at Galloway's."

This is a murder mystery, the solution of which is fortunately unknown to even the members of the cast. The cast taking part in this play includes Dwight Stokes, who plays the part of Donald Galloway; Veronica Paget, who takes the part of Mrs. Donald Galloway; E. H. Paget, the district attorney; Monroe Lassiter, Galloway's partner; Frank Busbee; and Harris, man of all work.

H. D. Carpenter.

Following this melodrama, the class in Parliamentary Practice will give an impromptu presentation called "How Long for Long," or "The Perils of Parliamentary Practice." Those taking part are: John Stanko, as Senator Hughey Long; E. J. Cumiskey, Senator Borah; William E. Braswell, Vice President Garner; William New, Senator Robertson; Horace P. Cotton, Senator Carter Glass; R. L. Batts, Senator Overton; E. J. Johnston, Senator Hiram Johnson; other Senators are W. E. Loomis, R. L. Cox, W. C. Calloway, and W. C. Perry.

The next is an impromptu play using the cast of the "Mystery at Galloway's" with the basic suggestion furnished by a committee headed by "Hunk" Anderson and Prof. T. S. Johnson. The idea will be given to the cast on the stage and then the curtain will open, leaving the cast to its fate.

The last play will be an impromptu farce, presented by the same cast with the basic idea furnished by the same committee.

The Experimental Theater gave a successful production before a capacity audience at Campbell College, Monday night. The group has also given presentations to audiences in Rockingham, Wilmington, Raleigh, and Durham. The same cast will present a different program here Tuesday, February 27.

Other engagements that the group has are with Lakeland, Florida, March 23; and at Birmingham, Alabama, where it will appear before the Southern Association of Teachers of Speech, April 19; also a public performance at Birmingham, April 22.

STATE DEBATORS TO MEET WAKE FOREST TEAM HERE

The State College debate team will meet the team from Wake Forest here Tuesday, February 19, in Pullen Hall in the first decisional debate of the season. The question is, Resolved, that the powers of the president of the United States should be given a substantial increase as a settled policy. The State team composed of Horace Cotton and Dwight Stokes, will defend the Affirmative side.

The team from Virginia Intermont College will meet the State debaters here Friday, February 23 in two practice, non-decisional clashes. The State team will include R. L. Batts, Dwight Stokes, Horace Cotton, and Frank Busbee.

PROF DISCUSSES PLANT FALLACIES AT OPEN MEETING

Anderson Says People Have Many
Common False Notions Con-
cerning Plants

RELATES DETAILED LIST
OF COMMON SUPPOSITIONS

Explains That Capillary Action Does Not Furnish Plant With Water; Roots Not Absolutely Essential to Life of Plant; Leaves Obtain Most of Water Used in Plant; Water Does Not Have Penetrating Power as Supposed

By C. A. RYHER

Dr. D. B. Anderson, speaking before a group of State College students and outsiders, in the Y. M. C. A. auditorium Wednesday night, blasted some common misconceptions concerning plants. His talk was sponsored by Phi Kappa Phi, national honorary society.

"For some unknown reason, the 'mass' invariably attempt to answer questions concerning plants and plant life when they know nothing at all about the subject. The lack of technical training and knowledge apparently never bothers them. The same people who will answer such questions without any knowledge will turn around and refuse to explain any other subject if they are not sure of it. For instance, a certain man was confronted with two test tubes containing colorless liquids. When the two were mixed a reddish compound was found to have been formed. When asked to explain this action, the man replied that he had never studied chemistry, and yet, when asked why roots grow down into the ground he immediately answered that they did so to absorb water. He actually knew as little about plants as he did about chemistry."

"The idea that roots grow down to absorb water is one of the most common misconceptions made today by the masses. The real and primary function of roots is to provide a path for the water. The energy for absorption of water actually comes from the leaves. If the truth be known, the roots hinder that process. The plant is not an altruistic community, in that each part looks out for itself. The roots and leaves are forever fighting for water. It has been proven that if the roots of a plant are killed, the leaves find it much easier to absorb water. If a plant has very few leaves and little evaporation, the roots will then absorb some water but not anywhere near enough to keep the plant alive."

"Until recently it has been thought that capillary action was responsible for the drawing of water up into plants. Contrary to belief, this action is very slow and very inefficient."

To illustrate this point Dr. Anderson exhibited a large, cylindrical glass container. He explained that nearly a year ago, he filled the container a third full of dry dirt, then he placed a layer of extremely wet soil on top of that with a third layer of dry soil. After packing the soil down firmly he sealed the container with wax to prevent evaporation of the moisture. When Dr. Anderson produced that cylinder Wednesday night, the water was still largely in the middle of the container and clear, distinct lines showing the division of these three sections was readily seen. Dr. Anderson then explained that this was actually what happened in the earth, causing the need for widespread roots.

"Another misconception is that plants of different species and kinds are capable of absorbing different amounts of water. If a plant 'welts,' it is due to the inability of water to move around rather than to the lack of capacity of a plant to absorb it. In all soils, no matter whether it be desert or otherwise, there is always 16 per cent moisture present in the soil."

"Considering the leaf, consists of a wax covering and contains chlorophyll. Approximately 1-100 of the leaf is open space in the form of minute openings. On a single red clover leaf there are some 322,000 of these openings, while on a cucumber leaf there are some 428,000 openings. These are open all day and closed all night, and the actual evaporation of water from plants occurs from within the leaves and is expelled through the openings. This evaporation must necessarily occur at an extremely high speed since it has been found that 50 times as much passes through these openings as would pass through the same area of single open space. In other words, if the moisture were pink in color, we should be able to see a thick pink haze surrounding every plant. Enormous amounts of water are thrown off by these openings. In a single season, a single runner (Please turn to page three)

AG GROUP MAKES EXTENSIVE STUDY ON NEW PROGRAM

Aids Program



I. O. SCHAUB

Dean of the Agriculture School who has requested students in that school to aid in the possible reorganizing of the Agricultural School. He is also aiding in the program.

SUNDAY CONCERT TO BE OFFERED

Glee Club and Orchestra to Give
Concert Sunday in Pullen
Hall at 4:30

The Glee Club and Orchestra of N. C. State College under the direction of Major C. D. Kutschinski, will give a concert in Pullen Hall Sunday afternoon at 4:30 p.m. There will be no admission fee, and the general public is invited.

The orchestra program will include the Raymond Overture by Thomas, "Sea Gardens" by Cooke, a Haydn Minuet and Kretschmer's Coronation March. The Glee Club will offer a varied program of standard and popular favorites. E. Garrett Jones will also play a violin solo, accompanied by Harold Webb.

The Glee Club is composed of the following personnel: First tenors—Paul M. Cox, Elmer Dowdy, E. Garrett Jones, Frank E. Kingsbury, Jack Memmert, Joseph C. White; Second tenors—Beaty L. Bass, L. R. Burgess, Edward W. Blackwood, John L. Downing, Malcolm T. Howell, James H. Payne, Dalton M. Parker, Lloyd W. Troxlor, Sam R. Watson; First basses—M. F. Browne, H. C. Chambers, Isaac Duncan, Francis E. Elwell, Aaron M. Epstein, Robert H. Nickau, William Schwartz, Carson L. Simms, Harold H. Webb (pianist), Wesley Wallace, Banks Young; Second basses—Wayne A. Corpening, W. H. Darst, Jr., Marion H. Gatlin, Edgar M. Geddle, J. C. Geddle, Robert H. McMillan, S. C. Riggs, Jr., Joseph Weitz, Jesse Womble, and Brock Sisell.

The orchestra is composed of the following: Violins—Paul M. Cox, F. L. Garrison, Jr., E. G. Jones, Roy Phillips, William L. Sumner, Jesse Womble; Viola—Brock Sisell; Cello—Wesley Wallace; Bass—J. L. Padgett; Flute—William F. Corbett; Clarinet—Ben Culp, Hyman Dave; Alto Saxophone—J. C. Geddle; Tenor Saxophone—Robert Bourne; Baritone Saxophone—Amos Griffin; Trumpets—T. S. Teague, Floyd Burns; Trombone—Wade Lewis, Jr.; Timpani, drums, etc.—T. T. Allison; Piano—Donald Peery.

Most Attractive

Miss Lola Maynard, junior in education, was the winner of the contest for the most attractive co-ed on the State College campus.

Miss Maynard was chosen Maid of Honor at Campbell College, and later was voted the prettiest girl at Campbell College by the student body.

Last summer she won second place in a bathing beauty contest held in Wake Forest.

Miss Hazel Becham, of Raleigh, was runner-up in the contest.

Schaub and Graham Request
Students to Study Reorganiza-
tion of Ag-School

STUDENTS AND ALUMNI
FURNISH INFORMATION

Final Report to be Submitted to Dean Schaub Soon; H. E. York Is Chairman of Committee; Four On Committee; Questionnaire Sent to Graduates of Ag School And to Juniors and Seniors in Agriculture; Answers Received

A study on the reorganization of the School of Agriculture at State College is being made by a student reorganization committee at the request of Dr. Frank Graham, president of the Greater University, and Dean I. O. Schaub, head of the Agricultural School.

A final report will be submitted soon to Dean Schaub by the student committee composed of H. E. York, Ruth, erford, chairman; C. D. Thomas, Reidsville; John Reitzel, Elmwood; and J. A. Lutz, Newton. Dean Schaub heads the general faculty committee on this study of the Agricultural School and a state-wide committee on an agricultural program for North Carolina.

The student committee is conducting its investigations through a general questionnaire which has been sent to all Agricultural and Vocational Agricultural graduates of State College since 1927 and to juniors and seniors now in the Agricultural School. A professor's score card is also being used on which opinions of agricultural instructors are recorded by the students.

The general questionnaire is divided into four parts dealing with general courses; extension, two-year, and other short courses; student organizations, and a miscellaneous section dealing with the personnel of the School of Agriculture.

More than 400 of the questionnaires have been sent out and over 40 per cent have been filled out and returned to date.

A number of letters from the old graduates have been received commending Chairman York and his committee on their work.

"The primary object of this student investigation," York says, "is to give the general committee in charge of the reorganization of the Agricultural School the undergraduate and alumni ideas and opinions."

The information from the questionnaires will aid in deciding the type of courses that meet with the approval of the students, when students should specialize, the number of years students should attend college, the basic courses that should be required of all undergraduates and other problems dealing with the teaching and application of agricultural instruction at State College.

GRAHAM REMAINS SILENT ON APPOINTMENT OF DEAN

No Definite News Received As to
Who Will be Named to Head
State College

With the date named overdue, no word has yet been received from Dr. Frank Graham, president of the Greater University, concerning the appointment of a dean of administration for State College.

Dr. Graham stated last week that the appointment would be known by Monday or Tuesday of this week.

No definite news concerning the appointment has been released, yet rumors still drift around as to who will be appointed. The interest that ran life has in some measure died down this week, and it may be a part of the psychological game played by Dr. Graham in the appointment.

Most rumors have it that a Carolina man will be named to the position, and that chances for a State College man getting the post are but slight.

The list of men under consideration from State College are Dean B. F. Brown, Prof. T. S. Johnson, Dean I. O. Schaub, Col. J. W. Harrelson, and Dr. Z. P. Metcalf.

In a poll conducted by THE TECHNICIAN last week, a majority of students approached stated that they were in favor of Johnson for the position.

The decision may be announced the last of this week, but possibilities are that the appointment will not be made public until next week.

DERRING SPEAKS TO STATE GROUPS

Blind V. P. I. "Y" Secretary Has Had Uphill Climb, But Has Won Fight

"The most important problem of the present day college student, as I see it, is the adjustment of the student's education to a changing world," says Paul M. Derring who is at present giving a series of lectures on the State College campus.

The technical colleges of today, according to Derring are not teaching students to think, but rather to amass a great number of facts. This, he thinks, has a tendency toward the standardization, or "trade marking" students. "There must be a transference from a static to a more plastic education that will adopt a student to be more at home in a changing society."

Derring, secretary of the V. P. I. Young Men's Christian Association, is a guest of the State College Y. M. C. A. In spite of the fact that he is blind, he faces life with a philosophy of life, absolutely void of bitterness and cynicism, that goes to make him an inspiration to all those who know him. His bright smile and keen wit, regardless of adversities, make him an invaluable asset to any group.

He was born in 1894 in the little town of Dendron, Virginia. At the age of twelve he was shot in the head by an "unloaded shotgun" while rehearsing a play for George Washington's birthday. He was sent to a hospital in Richmond where he spent days at the point of death. Finally, after a long hard struggle, he began to recuperate, but when the bandages were removed from his face, his eyesight was gone.

At first he says, he prayed to God to restore his sight, but after a time he decided that God would not set aside natural laws of the universe to accommodate individuals. With this conception he stoically set out to make the most of the abilities that he had. He began to regard sight as a convenience but not as a necessity to become successful in life. With this philosophy he worked with grim determination to educate himself. He went through the Virginia School for the Deaf and the Blind at Staunton, Virginia. After completing his work

Blind Speaker



PAUL DERRING

Secretary of the Y. M. C. A. at V. P. I. who has given a series of lectures since his stay at State College, and has been well received. He lost his eyesight when in his youth, but that in no way has impaired his philosophy of life. He was graduated with high honors at William and Mary College.

there he wanted to go to college. When he applied to William and Mary College, he was told that he could not enter, and if he were admitted, he could not do the work. This did not stop him, however, he forced them to let him enter because he could pass all requirements and since it was a State institution, young Derring had to be admitted.

His college work was a hard fight. He had to employ a student to read to him. At the end of the first semester, when he had proven that he could do the work, the students and faculty began to admire him. When he came to the languages and mathematics, he struck a problem. There was not enough demand for those textbooks to justify publishers to print them in braille for the blind, and they were not the kind of subjects that a person could learn by simply having them read to him. So, in order to continue his education, he spent the next summer transcribing the texts, word by word as his sister read them, into braille. By doing this he was able to complete his college work. He was graduated from William and Mary with high honors and was made a member of Phi Beta Kappa, National honorary fraternity.

STUDENTS BEGIN SCHOOL TEACHING

Twenty-seven Education Seniors Start Practice Teaching in State Schools

Twenty-seven seniors in the N. C. State College school of education are now engaged in practice teaching in 12 school communities of the State.

Each year seniors in Education at State College are given teacher-training for a six week period. They teach high school subjects such as history, English, French, science, and vocational agriculture.

The students are located as follows: C. E. Brown, North Wilkesboro; Elizabeth Gantt, Raleigh; Edna May Halverson, Raleigh; Mildred Pittman, Raleigh; F. B. Davis, Rockford; D. B. Sheffield, Spies; and L. T. Weeks, Varina, at the Cary High School.

J. H. Finlator, Raleigh; Eunice Parker, Raleigh; and J. O. Wright, Norfolk, Va., at Garner High School. L. H. Ballard, Blaine; Ellen Kline, Raleigh; B. F. Nesbitt, Fairview; and Eliza Stephenson, Raleigh, at the Knightdale High School.

Sarah Holman, Snow Camp; W. R. Humphrey, Richlands; and J. G. White, Watertown, Mass., at the Wake-High School.

W. D. Starr, Creswell; and N. R. Matthis, Clinton, at the Middleburg High School; W. C. Roach, Climax, at the Summer High School; R. R. Bennett, Summerfield, at Pleasant Garden High School; C. A. Redmon, Greensboro, at Alamance High School; J. P. Leagans, Cana, at Mocksville High School; John L. Reitzel, Elmwood, at Woodleaf High School; W. I. Shope, Swannanoa, at Cleveland High School; J. E. Mullen, Drum Hill; and Paul F. Edmund, Tillery, at the Spring Hope High School.

Caps and Gowns

A representative from F. C. Ward Company will be in the Students Supply Store all day Wednesday, February 21, to take measurements for caps and gowns.

All seniors who will be graduated this year are urged to be measured at this time.

There will also be a meeting of the Senior Class the same day, Wednesday, at 12 o'clock in the Y. M. C. A.

"Quitting Time"

Miss Nancy Steele, secretary to Polk Denmark, who is secretary of the Alumni Association wants to be elsewhere when the fireworks begin.

W. P. Kanto and Denmark were in conference Thursday afternoon when a representative of The Technician stepped into his office for an interview. Miss Steele was quietly working in a corner of the room. Polk Denmark pulled out a small cap such as is used in small boys' "cap pistols," and said, "Boys, let me show you something." He placed the cap between two metal plates, and hammered them together. A loud report rang out.

Miss Nancy Steele jumped two feet, and without a word put her hat on and walked out of the office.

LARGE NUMBER ATTEND INTERNATIONAL RETREAT

Students and Faculty Members From State Attend Retreat At Chapel Hill

A large delegation of students and faculty members from State College represented the college at the International Retreat, which was held in Chapel Hill, Sunday, February 11, sponsored by the University of North Carolina Young Men's Christian Association.

The feature speaker was Dr. T. Z. Koo, Chinese Statesman, who spoke before more than one hundred and fifty delegates from North Carolina Colleges, Sunday morning on "My Interpretation of Jesus" and Sunday evening on topics of international interest.

At noon there was an International Dinner held at Graham Memorial Hall, for the delegates, honoring Dr. Koo and the foreign students present. After dinner a number of interesting papers concerning the part that students in other countries are taking in national affairs, were presented by foreign students.

The delegation from State included: Dean E. L. Cloyd, W. J. Barker, Phil Stone, Boris Petroff, Horace Cotton, C. L. Styran, W. E. Braswell, W. N. Dail, D. W. Durham, R. B. Lisk, J. Ogletree, C. H. Peele, D. Rentz, E. M. Huggins, H. M. Collier, R. A. Swartz, C. E. Boger, E. F. Grodecki and others.

MITCHELL WRITES REVISED TREATISE

Zoology Professor Has Article Published on American Leaf Cutting Bees

Dr. T. B. Mitchell, associate professor of zoology, has published in the Transactions of the American Entomological Society a revision of a treatise on the leaf cutting bees of America north of Mexico.

In the first thorough study of this bee Dr. Mitchell has examined several thousand bees of the United States and Canada. This research has been carried on in the larger museums of this country and other parts of the world. One hundred and twenty different kinds of bees of the leaf cutting variety are now known. Fifty-one kinds of which number had never been treated prior to Dr. Mitchell's work.

Dr. Z. P. Metcalf and Professor George Horton of the Zoological Department have just completed a survey for the Lignan University of Canton, China, on leaf hoppers of China. This was one part of a survey made by the Chinese university with which the State College Zoology Department was asked to cooperate.

The region of China between the more temperate northern regions of Asia and tropical regions of India have long been of interest to students of zoology. When the survey has been completed a very accurate idea of the relation of China to these two regions will be available. Included in the paper are descriptions, records, and drawings of seventy-three insects of the leaf hopping group. Previous reviews have included only twenty-two kinds.

METCALF ASKED TO JOIN ENTOMOLOGY COMMITTEE

Dr. Z. P. Metcalf, entomologist of the North Carolina Experiment Station, has been asked to serve on a committee of three Southern entomologists by Lee A. Strong, chief of the United States Bureau of Entomology.

The committee of three will make a survey sponsored by the Department of Agriculture of insect pests that harass cotton growers of the country. Also the committee will outline plans for future conduct of the work of the survey.

CAPTAIN WATSON SPENDS SHORT TIME IN RALEIGH

Captain P. W. Watson, former instructor in the military department here, has been spending a few days in Raleigh, prior to his going to Fort Devens, Massachusetts, to report for duty.

Captain Watson was freshman instructor here for six years and left the school in the summer of 1932 to attend infantry school at Fort Benning, near Columbus, Georgia, where he was graduated in June 1933. The past summer he spent as a CCC commander in California. Early this month he was graduated from a tank school, which is also located at Fort Benning. He has now been ordered to report for duty in Massachusetts, where he will command a tank company. His wife and small son were also with him during his stay here.

Language Frat Hears Speaker

Madame L. M. Simballotti, teacher of languages at St. Mary's College, addressed Sigma Pi Alpha, honorary language fraternity, at a meeting held Thursday.

Madame Simballotti told of her experiences in France and Italy following the World War. Sigma Pi Alpha has planned an interesting program of socials and speakers for the rest of the year.

Two Years in 12 Hours

It takes about two years' time to learn the conventional shorthand methods, whereas ABC Shorthand can be mastered in only 12 hours' study. Convince yourself of this fact by examining a copy of the ABC Shorthand for lecture and reading notes which is now selling for \$1.00 at the STUDENTS SUPPLY STORE.

S-T-A-T-E

MIDNIGHT SHOW
SUNDAY NIGHT 12:01
AND
MONDAY-TUESDAY
WEDNESDAY
ON THE STAGE
"RHYTHM ARISTOCRATS"
WITH
BILLY DOSS
PREMIER BLACKFACE
ON THE SCREEN
PAUL MUNI
OR
"HI NELLIE"
NEXT THURSDAY-FRI-SAT.
BING CROSBY IN
"GOING HOLLYWOOD"

Students Wanted

to take orders for felt College and Fraternity novelties
ARTCRAFT
313 Allen, Grand Rapids, Michigan

ENJOY
BILLIARDS
With Your Friends
AT THE
COLLEGE COURT
BILLIARD PARLOR
Raleigh's Most Modern Billiard Room
SPORTS RETURNS

MENTION THAT

● You are a
● State College
● Student
● When
● You
● Patronize
● Raleigh
● Merchants
● THEY ARE ANXIOUS
● TO SERVE YOU



The Largest user OF FINE TURKISH TOBACCOS

...one reason
why Luckies taste
better, smoother

In Turkey too, only the finest tobaccos are selected for Lucky Strike—the mildest leaves, the most delicate, the most aromatic. Lucky Strike is the world's largest user of fine Turkish tobaccos. Then these tender, delicate Turkish leaves are blended with choice tobaccos from our own Southland—to make your Lucky Strike a cigarette that is fully packed—so round, so firm—free from loose ends. That's why Luckies taste better, smoother. "It's toasted"—for throat protection—for finer taste.

From the
Diamond Horse-Shoe
of the
Metropolitan Opera House
Saturday at 1:45 P. M., Eastern
Standard Time, over the Red
and Blue Networks of NBC,
LUCKY STRIKE will broadcast
the Metropolitan Opera
Company of New York in
the complete Opera, "Faust."

NOT the top leaves—they're under-developed—they are harsh!

The Cream of the Crop

"The tenderest, mildest, smoothest tobacco"

NOT the bottom leaves—they're inferior in quality—coarse and always sandy!

Always the Finest Tobacco

and only the Center Leaves

HENNINGER TALKS ON EMPLOYMENT

Business Prof Stresses Taking Courses That Will Benefit in Later Life

Prof. R. W. Henninger spoke at an open meeting of Delta Sigma Pi, international commerce fraternity, Tuesday night in Peele Hall on "The Adjustment of the College Man to His Job."

"The college graduate has a set of habits and abilities, and has to adapt himself to his job," stated Professor Henninger. "This generation of college men is in a period of industrial adjustment. We are in a fluctuating state regarding the old theory of industry, which means a limitation of goods through reduction. The new theory is that we don't need limitation of goods, but should have more proper control. To do this we shall have to balance up the agricultural industry."

"There is going to be a decentralization in industry through aid of the government. This is imperative because of the financial condition of the country. There has got to be a better distribution of surplus capital. Profits must come down on a fair basis. Industries in the future will have to accept higher taxation, and government control. There will be another industrial revolution which means balancing factors such as science, engineering and technology to social life, economics, and government. Today there is a lack of organization and coordination in Washington."

"You begin to appreciate your subjects when you begin to use them. The average college graduate does not get a chance to use his college tools for several years, but they will become valuable when the time is ripe to use them."

Professor Henninger gave a list of important factors which every one should know when being interviewed for a position. Some of these factors were good judgment, impression, initiative, constructive imagination, adaptability, and others.

"A major question of today," said Professor Henninger, is "How to keep a job," and gave a list of the most important things to remember. "A man should always show an interest in his job. Ask your employer questions, and collect knowledge. Be enthusiastic, but be real. Always be optimistic although it is hard to do. Some persons will always tell you why something cannot be done. Do not associate with pessimistic people. Study your job, and its connection with other jobs. Study your boss, and don't work for a man who does not teach you anything. Be natural and approachable, and always recognize the people who trained you. Don't do anything when you are angry, and be careful in your criticisms. Smile under your most adverse conditions, and smile all the while."

Prof. Henninger is a charter member of Beta Delta chapter of Delta Sigma Pi.

Pictures Requested

Bawlings Peole, business manager of the Agromock, received a postal card during the past week which reads as follows:

Dear Mr. P.:
A group of girls at Meredith wish that you request all the boys at State to have their pictures put in the annual. It really is very annoying to search and search in vain for someone's picture whom you wish to gaze upon or whom you wish to point out to another. Thanking you in advance for this favor, we remain,
Hopefully yours,
The Group of Fortem Maidens at Meredith.

PROF DISCUSSES PLANT FALLACIES AT OPEN MEETING

(Continued from page one)

throws off 130 gallons of water. "The modern theory concerning the rise of water in the stems of plants is that the water is like a wire rope pulled up by the leaves. A reason for this belief is that when plants are cut off at the stem, the water does not overflow as if it were under pressure but acts as though it were under tension."

"Another misconception is that the air in different sections contains different amounts of moisture. There is the same amount of moisture per cubic yard in the air in Death Valley as there is in Michigan. The point is, not how much is present in the air, but how much could be there. It is vapor pressure density (the amount of water the air can hold beyond its present load) rather than relative humidity (the amount of water present) which is important. Hot, muggy weather is caused by vapor pressure density and not the relative humidity, as so many people think."

"Contrary to popular conception, plants do not die of frost bite. They do die of lack of water though. The cells comprising plants are sacks of water with walls of cellulose. The frost freezes the water in the cell walls and causes a shrinkage. This shrinkage causes more water to enter the walls from the cell. As long as there is any water left in the cell, it keeps on freezing in the cell walls. When there is no more water left, the plant dies of lack of water and not from actual frost bite. Ice is never found on the inside of a plant cell. A cell is like a bank, as long as there is money on the inside, the run (on the outside) (like the frost) has very little effect. When, however, the reserve is all used up, the bank is forced to close its doors and admit failure. Then, too, the idea that petals and scales keep a plant from freezing is also wrong, for it has been found that the temperature inside the petals or scales is just the same as that on the outside."

In closing, Dr. Anderson said that perhaps he had raised more questions than he had answered. "If I have, that is all right, for more inquiry is what we need in this field. Anyway, I have corrected some of the most common misconceptions regarding plant life."

ALUMNI GROUP PLANS FOR GENERAL MEETING
Group to Meet Here March 3 for General Discussion of Alumni Affairs

At a general meeting of the State College Alumni Association Wednesday night plans were made for the first general meeting of the general alumni council and local alumni associations to be held during the winter term.

The members of the alumni council and all officers and members of general and local associations are to be asked to meet at State College on the morning of March 3 for a general discussion of alumni affairs. Heretofore the alumni meeting has been held in connection with commencement exercises at the colleges, but it was decided that more could be accomplished were the meeting moved up a bit when such things as commencement exercises would not serve to distract the old grads' minds.

The committee at its meeting also went on record as favoring the proposal to ask approval of the State Civil Works administration of a project for the building of an armory for the R. O. T. C. unit at State College.

W. P. Kanto, Chairman.

A special meeting of the Publications Board will be held today at 1:30 in Mr. Jeter's office.

Romeo LeForte, Secretary.

There will be an important meeting of the business staff of THE TECHNICIAN at 2:00 o'clock Monday, February 19, in THE TECHNICIAN office.

J. E. McIntyre, Business Manager.

There will be a meeting of the Junior class on Wednesday, March 21 to discuss the Junior-Senior Prom. The meeting will be held in Pullen Hall at 12 noon.

C. A. Carrow, President.

There will be a meeting of the Radio Engineers tonight at seven o'clock. All members are being urged to attend.

J. F. Abernethy, President.

Athletics Loss
The University of Virginia "V" Club recently adopted resolutions suggesting a revision in the athletic regime of the University in a statement in which it revealed an alleged athletic operating loss of \$34,718.34 during the past four years.

FRAT DISCUSSES TWO PROPOSALS

Pine Burr Talks of Chapels and Naming Streets and Dormitories

Two proposals were discussed by members of Pine Burr, local scholarship fraternity, at a meeting Wednesday.

The first proposal was the naming of the campus streets and the dormitories. This matter has been brought up before, and this time definite action will probably be taken on the matter. The committee named for this proposal was composed of W. E. Kistler, Joe Dixon, C. A. Williams, L. A. Dudley, and C. J. Brown. All on this committee are also members of Tau Beta Pi, which also brought the matter up, and the committee will probably work for both societies.

The second proposal concerned attempts to establish a more systemized chapel for juniors and seniors. At the present these two upper classes have called meetings, but no definite time has been set for these periodic meetings. The society proposes to have the classes set a definite time each month for a meeting, and also to consider having these meetings made compulsory as is for freshmen and sophomores.

The committee appointed to work on this proposal is composed of Joe Dixon, A. M. Epstein and B. B. Culp. The Wednesday meeting was marked by the return of Col. J. W. Harrelson to active membership in the society. Col. Harrelson was active in the founding of the society at State College in 1922.

JOHNSON MAKES SPEECH BEFORE CIVIL SOCIETIES

Professor T. S. Johnson spoke to civil and construction engineering students at the meeting on Tuesday, February 13. Pointing out the future of construction, Professor Johnson emphasized the qualifications for success in the profession. Skill, competence, and integrity were stressed as prerequisites of success.

The relation of the contractor, the engineer, and the business man dealt with by Johnson. The engineer draws the plans and is through with the project while the contractor must consider costs, efficient methods, and supervision of labor. The business man finances the project and supplies the materials.

The discussion of business of the societies mainly concerned the float for the Engineers' Fair.

Suggestions Asked

C. Romeo LeForte, assistant to Dean E. L. Cloyd, asks that anyone having suggestions for changes to be made to the constitution of the State College Publications Board hand these in at his office some time before February 28.

A committee has been set up by the Board to draw up a constitution, which will later be referred to members of the Board for approval. It is the purpose of the committee, according to LeForte, who is chairman of the group to secure student opinion in the matter. Dave Morrish and Bill Barker are members of the committee.

BROWN DISCUSSES HIGH SPOTS OF PRESENT WORLD PROBLEMS

(Continued from page one)

ambassador in Washington since the Soviet Republic's beginning as a result of Russian recognition. This brings up Japan. It looks as though war between Russia and Japan is in the offing. The world sees it but is not yet civilized enough to take preventive measures. Japan is pushing further and further into Mongolia to establish a base of operations in a position to cut off communications between Russia and Siberia. Japan has no more right to do this on Chinese territory than Canada has to establish one at Wilmington, North Carolina.

Russia has started on another five year plan. It is essentially a continuation of the first five year plan which accomplished so much for the undeveloped communistic nation.

CHEMICAL FRAT INITATES EIGHTEEN NEW MEMBERS

In its bi-weekly meeting Tuesday night at 6:45 o'clock eighteen students, including three seniors, two sophomores, and thirteen freshmen were initiated into the American Institute of Chemical Engineers Society.

This was the only initiation to be given this year and all men who wish to enter the society will have an opportunity to join next year. Those initiated were: R. M. Bruce, E. M. Topping, E. H. Williams, J. E. Porter, J. D. Pendleton, P. W. Smith, F. C. Gore, M. D. Saunders, J. W. Fredericks, T. L. Rea, F. S. Martin, W. S. Terrell, V. A. Thorpe, R. H. Morrison, C. B. McSwain, S. M. Hulak, C. D. Delamar, and J. P. Curry.

CHEMICALS MAKE INSPECTION TOUR

Twenty-one Seniors Make Visit Of Plants in Tennessee and North Carolina

Twenty-one seniors in Chemical Engineering, accompanied by Dr. E. E. Randolph and Professor C. S. Grove, returned late last Friday night from an inspection tour which lasted four days and nights.

This is the trip that is taken annually by as many of the seniors in Chemical Engineering as desire to go. The expenses were paid by the students, but, when asked, one of the men who went said that it was money well spent. The trip was enjoyed by all. Dr. Randolph was taken with a slight case of the flu and a cold and was prevented from completing the trip. The students left Monday afternoon at 4:30 o'clock in buses and cars and returned Friday night February 9. The students visited chemical industries in Charlotte, Asheville, Johnson City, Tenn., Kingsport, Tenn., and Winston-Salem. While making the trip several old State College graduates were found working in plants.

In Charlotte the engineers visited the Swift Refining Co. where they watched the making of shortening from animal and vegetable oils. They also visited the Crystal Carbonic Co. and the McClaren Rubber Co. This rubber company turns out 1800 tires made by hand, each day.

From Charlotte they went to Asheville where they visited the Hans-Reas Tannery. In the Champion Fibre Co. W. K. Cathey, J. W. Neely, W. H. Barclay, and C. S. Secret, graduates of State College were found working. These graduates have charge of various departments in which cardboard and writing paper is made.

Dr. Randolph and Professor Grove conducted the students through the Cranberry Iron Works in Johnson City, Tennessee. This plant has not been in operation since 1929.

In Kingsport, Tennessee the Tennessee Eastman Corporation was visited where they inspected the water and power plants. C. O. Butler, a graduate of State, was found in charge of the cellulose-acetate division. The Kingsport Press was also visited and the various steps in bookmaking were studied. The Penn-Dixie Cement Company and Blue Ridge Glass Company, both industries of great importance, were visited in Kingsport.

In Winston-Salem the finishing rooms and the Prince Albert department of the R. J. Reynolds Tobacco Company were visited. The chemical department there is in charge of E. H. Harwood a graduate of the class of

1930. Harwood installed the department and has since increased it to such an extent that it takes care of the entire plant. He is ably assisted by C. M. Sprinkle, also a graduate of State.

A list of the students who went on this trip are as follows: S. J. Dushinski, L. A. Dudley, W. F. White, Jr., C. A. Williams, Jr., R. G. O'Brien, J. W. Memmert, L. W. Purdy, R. C. Childs, F. A. Edmondson, Jr., F. B. Bowen, E. T. Rogers, C. R. Spruill, W. C. Wal-

THREE CO-EDS INITIATED INTO ALPHA MU SORORITY

Three co-eds were initiated into Alpha Mu, co-ed sorority, Saturday evening, at the home of Mrs. R. O. Moon. Those initiated were: Rosalie Smith, Hinda Dale, Masha Gustits, and Hilda Fuller and Christine Shepherd of Raleigh.

WIN A NEW

Kaywoodie Pipe

By Writing Your Name On a Special Ticket

Secured at the STUDENTS SUPPLY STORE

NO STRINGS TO THIS OFFER!

Ask for a special "pipe" ticket every time you come into the store during the next few days, sign your name and drop in box

DRAWING FOR THIS KAYWOODIE PIPE will take place on George Washington's Birthday at 1:30 p. m. at the

STUDENTS SUPPLY STORE

(The more tickets you sign, the better your chance to win.)

Announcements

Gamma Sigma Epsilon will meet Monday, February 19, at 6:45 p. m. in Room 113, Chemical Engineering Building.

All students not receiving THE TECHNICIAN may receive their copies by leaving their names in Dean Cloyd's office. Names must be left before Wednesday noon if the student wishes to receive a copy on Friday.

Business Manager.

Each student who has not yet received his copy of the Wataugan may get it by calling at the Wataugan office in the Y. M. C. A. Monday, February 19, between 4 and 6 p. m.

Business Manager.

There will be a meeting of the A. S. M. E. Tuesday night, Feb. 20, at 7:00. All members be at the rear of Holladay Hall Sunday, Feb. 18, at 2:10 to have the group picture taken.

The student Dining Hall Committee will meet tonight at 7 o'clock in the Student Government office. It is very important that all members be present as recommendations are to be drawn.

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J. F. Abernethy, President.

Athletics Loss
The University of Virginia "V" Club recently adopted resolutions suggesting a revision in the athletic regime of the University in a statement in which it revealed an alleged athletic operating loss of \$34,718.34 during the past four years.

Lost and Found

LOST

Heat Engines book, by Allen Biersley.

E. C. Seewald.

1 Analytical Geometry and 1 black clip board.

1 Background for Sociology. Belongs to James H. Willett.

1 brown Carter fountain pen.

1 D. C. book, by Magnuson. Belongs to H. P. Cotton.

1 black leather notebook, college seal on front. Belongs to M. W. Sloan.

1 Faber slide rule. Initials "N. H. G." cut on rule.

1 black spectacle case.

1 bottom half of Conklin fountain pen.

1 case of 4 keys. Initials "V. C. H." cut on back of case.

The finders of any of these articles will please bring them to the office of the "Y."

FOUND

1 Elementary Economics.

1 Laboratory Manual.

1 Parker fountain pen.

The owners of these articles will please call for them at the office of the "Y."



a sensible package
10 cents

Granger Rough Cut

the pipe tobacco that's MILD
the pipe tobacco that's COOL

—folks seem to like it

The Technician



Published Weekly by the Students of
North Carolina State College

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SUBSCRIPTION PRICE: \$1.50 Per College Year

Winner of North Carolina Collegiate Press
Association Prize for 1931-32 and 1932-33

MAGAZINE CONSOLIDATION

Probably one of the most beneficial plans afoot for the improvement of State College publications is that which was begun yesterday with a discussion of the consolidation of the *Wataugan*, the *Southern Engineer* and the *Agriculturist*.

In 1930, the *Wataugan* was changed from a straight literary magazine to a mixture of so-called "literature" and humor, and since then it has slowly been metamorphosed into one which is chiefly concerned with the "humorous" situations in campus life—a slant which has been so distorted and so played up by both colleges and outside sources that it has become tiresome. It seems now to be at the point where the humorous is becoming depleted and monotonous, and the scissors are having a large part to play in the reading matter. A change has long been seen necessary, and has been coming, but it was not until the climax of a discussion of the conflict being presented by the *Southern Engineer* and other publications that anything purposeful came up about it.

With the coming alterations to be made in the schools of Engineering, Textiles, and Agriculture, and the transfer of the School of Science and Business and the School of Education to the Chapel Hill unit of the Greater University, which will result in a closer union of the aforementioned three schools, some outlet for these and other written matter will be found necessary. It will best be achieved by the union of any departmental publications and our monthly magazine, which, so far as can be seen, has no advantage to the college and fills no place which will in any way benefit the college as a whole.

The first issue of the *Southern Engineer* showed no outstanding possibilities, for the articles which appeared in it could have been found in almost any nationally known scientific magazine. These articles would have been read by a much greater number of laymen and scientists alike, affording publicity to State College in a far greater degree, had they been sent to non-collegiate journals. However, as Bill New explained to the Publications Board, the magazine will give the students an outlet for their technical writing as well as an added incentive to write; so it does show its benefits in this manner. There is no necessity, at all events, to continue its publication as a separate unit, because the cost involved is an unnecessary expenditure to the students, when the proposed combination would result in a publication which would be larger, contain more advertisements of every nature, and would therefore be less expensive to publish than any one of the three magazines as they are now being printed.

As the plan now goes, there would be a separate section in the consolidated magazine for each school, and one for jokes and the humorous. This magazine would then contain what would amount to a resumé of activities on the campus, and a demonstration of the talent available here.

The good that a magazine representing all departments of the college would do will far outweigh any other form of publicity that might be given the school.

COMPULSORY CHAPEL

Compulsory chapel periods for juniors and seniors, as planned by Pine Burr, local scholarship fraternity, is the only solution of the problem of bringing members of the junior and senior classes to called meetings. So long as freshmen and sophomores are required to attend such meetings, there is no reason on earth why the two upper classes should not attend chapel on specified days.

Juniors and seniors are often confronted with matters which demand that meetings be called, and a very few from either class attend any of these meetings. Complaints and criticisms are heard from juniors and seniors on existing conditions at the college, but few of them are ever at meetings at which it is possible to discuss for the purpose of ironing out evils which require attention.

Perhaps the junior and senior classes will take it upon themselves in the near future to impose compulsory chapel exercises upon the upperclassmen.

RETORT COURTEOUS

As Barker said last week in his letter to the students which appeared in *THE TECHNICIAN*, the editor of the paper is directly responsible for a box which appeared in the issue of September 22, giving an exaggerated account of a fight between a freshman and a sophomore, taken from the hearsay of three staff reporters, which told of a coca-cola bottle being broken over the head of Bob Edwards, the freshman, during one of many "rat courts" which were held in 1911 dormitory during the fall term. It was not a coca-cola bottle—it was a paddle, and there would have been a near-killing in 1911 that night, had not Bill Sullivan halted the antagonism between approximately 15 sophomores and one freshman, when the freshman's back was to the wall.

A little good advice may at this point be afforded the president of the student body: Don't ever get riled at or near a newspaper office, for often words are spoken which may later be seen in print in the same paper. It is well to keep your mind, and later remember what has been said.

As Barker stated, we criticized him for his sudden change in attitude regarding freshman caps, but it was not because we felt a sign of weakness in the sudden reversal of attitude, but because before the Christmas holidays, our noble president came to *THE TECHNICIAN* office and suggested that we continue the drive for caps, for he would like to see them back, and because practically every organization on the campus would support them. We gave him our support, since we are in favor, too, of their return, and after the holidays we knew nothing of his change of mind until a member of the staff heard him oppose the cap during a conversation in Dean Cloyd's office. We feel that there should have been some mention of his new stand to the paper, before he opposed something which the paper had been supporting him in working for, prior to this. Had Barker seen his way, beforehand, to considering points for and against the freshman cap, he might definitely have taken a stand one way or the other without having to strip his gears in his haphazard way of attacking the proposition.

An argument such as Barker puts up will invariably turn to "did" and "didn't," which is never-ending; so whether or not condensing statements by Barker brings to them an opposite meaning is for him to decide.

As to Lonnie Ivey's Student Supply Store, the letter by M. J. Gardner attacking policies of that establishment was evidence enough that there are no well-established facts which could bring Gardner to bring charges against it. His notions were mainly taken from his own convictions, and the Student Council should have stayed out of the controversy before looking into the facts thoroughly. Gardner testified to his lack of knowledge in the matter by his request that the State College Alumni remove all their interests from the store, and at the same time his demand to know, "Why should the Alumni Association expect the students to financially support it, partially through revenue from the Students Supply Store?" The Alumni Association last year sold all its interest in the store to Ivey. And, furthermore, Ivey is not running a "second-hand bookstore," in the true sense of the expression, and he wishes it to be known that should any one wish to start one, he is very much in favor of it. He also said that he did a better business the week following the motion of the Student Council than he had in a long time.

And speaking of "shaky Student Government," Duke is right now finding out that government by the students does not amount to a row of pins as far as running the school is concerned. Student Government at State College is merely something put up to satisfy students that they are recognized as such, but as far as its powers go, the Faculty Council can overrule at its discretion anything the Student Council may do. Student Government here is not strictly government it is merely an education into the functioning of government. As a cheer-leading body, and as a discussion group, its powers are infinite, but in the affairs of the administration it has little to say, and this is well, for faculty supervision under the honor system is more necessary than ever, and faculty supervision is decidedly important when heads of Student Government demonstrate their ignorance.

The Alumni Association has in the past discussed the abolition of Student Government here, in favor of more rigorous legislation, and although such a change would be very disagreeable to the student body, there would be very little change in the general policies of the faculty group, which indirectly governs functions on the campus.

"THE SHOE FITS"

Not many of the seeds sown last week when Dean Cloyd's talk to the fraternity men was printed in full, rather than be kept confidential as so many fraternity matters are, and as many fraternity men expected the subject would, fell by the wayside. A president of one of the fraternities asked why the story was used and not withheld from publication, for he felt that the disclosure of the facts regarding conditions in some of the fraternity houses would tend toward an abolishment of fraternity houses on the campus.

There are already too many fraternity houses on this campus, for the number of students who are free to join, and perhaps one way to bring up scholarship among fraternity men, and to better existing conditions is to bring out that the foothold of fraternities here is not so secure as may be thought, and in order that they may remain they must measure up to higher standards. There has been too much talk among people in Raleigh to try to keep evils in fraternity life under cover. If facts are brought above board, and are then started on the road toward improvement, fraternities will have something valuable to show to prospective pledges.

HERE AND THERE

By G. W. FORD

There has been much talk on the campus this past week as to who will be selected to fill the office of Dean of Administration at State. The preparations for selecting the man to fill this office have given us something to talk about other than the weather... and we have as much chance of controlling the outcome as we have of stopping a shower.

It's a funny thing... the men higher up always have such a hard time in making a decision while the average freshman can tell you offhand just how to run things.

The Y. M. C. A. came to the front again when it presented one of the best programs of the year on Monday night. Dr. Koo not only gave a good talk but he gave us a few selections on his Chinese flute. I was struck by Dr. Koo's distinctly English accent on such words as *merely* and *chance*.

Then there was the Choral Club from St. Augustine's... One part of their program that stayed with me was the singing of the Negro spirituals... one of the lines ran, "De big wheel run by Faith an' de little one run by de Grace of God."

I see that Bill Page, State College's woman hater and reckless driver, is now only a reckless driver.

The windows of *THE TECHNICIAN* office have just received their annual cleaning... maybe we'll see things in a different light now.

My good friend, the Man in the Black Slouch Hat, columnist for the *Wataugan*, informed me in his column last week that I was not up to par... Now I never said anything bad about the *Wataugan*... why, I think that it is five minutes worth of good reading matter... and then he makes a crack like that. Maybe if I took every second space and wrote, "This space was reserved for a good joke but it was censored," I might then be up to what he considers par.

Freshmen were initiated to the A. I. C. H. E. last Tuesday night... One of their annual pranks over there is to make the freshman take one or two small pills. Don't worry, freshmen, they won't hurt you... they're just to take the greenness out of you.

Bill Barker sure sent a letter to the editor of *THE TECHNICIAN* last week. In it he said that he could see no possible good that freshmen would do State College. I'll bet that he can't see how an acorn grows into a large oak tree... but it does.

Duncan Lamb, freshman, doesn't seem to mind the cold weather that we have had for a week or so. When everyone else is wearing overcoats, he appears in his shirt sleeves... If he ever gets a monogram sweater he'll have to go to the South Pole to wear it.

Open Forum

This column is conducted for the expression of student opinion. Opinions expressed below are not necessarily in accordance with the editorial policies of this newspaper.—Ed. NOTE.

Apropos Students Supply Store

To the Editor:
The editorial in the February 2 issue of *THE TECHNICIAN* on the Students Supply Store has caused considerable talk. Merely talking, however, is no benefit unless done at the right time and in the right place. Therefore, I am taking the privilege of voicing the opinions of some of the students concerning what is commonly termed, the "mop-up."

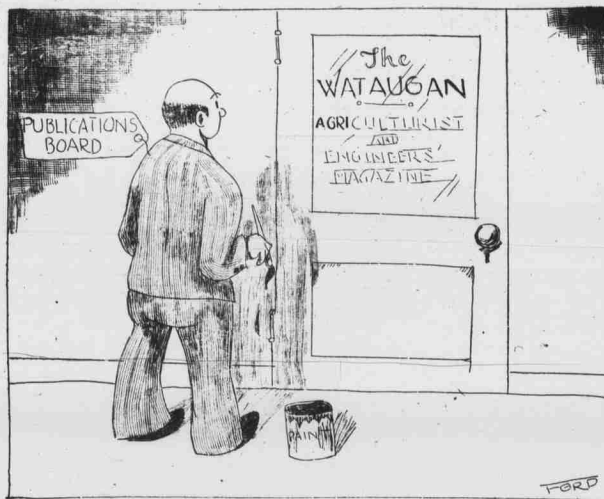
In approaching some of the students on the matter I have been met with profanity thus showing that there is much agitation against the Students Supply Store. I have had numerous stories of wrong treatment in dealings with the store, some of which may be proven.

I do not doubt that the advantages of a students supply store on the campus are apparently appreciated by many, but the monopolistic prices on many of the supplies have caused many students with limited funds to be unable to obtain some of their books or other necessities. As you know, the Students Supply Store should be operated on a non-profit basis as far as is possible. Can we say that our supply store is operated on this basis? No, I think that you will agree, that is to say, the "mop-up" is operated on a non-profit basis is a misrepresentation.

The name "mop-up" probably originated in the trade-in book department. Students take their second-hand books down to the store and receive a very small price for them. They even have to trade out the money to get a maximum price. The next fall, these very books are sold to other students at exorbitant prices. Is there any wonder that students are kicking? It is just as necessary for many of us to save money as it is for others to make money. This applies especially to students who are working their way through college.

Perhaps there "ain't no more justice," but I have said what many stu-

Plans For Enlargement



dents are thinking. If these and others are interested in trying to bring about a new era in the dealings between the Students Supply Store and the student body, I hope you will voice your opinions so we will know where we stand. W. H. P.

Suggested Readings

Each week a new list of books will be published as an aid to the student in selecting suitable reading matter. In this list will be included works of the foremost American and foreign authors.—Ed. NOTE.

Novels

Asch Schalom, *Three Cities* (translated from Russian).
De La Roche, Mazo, *The Master of Jaina*.
Douglas, L. C., *Forgive Us Our Trespases*.
Galworthy, John, *One More River*.
Woodhouse, P. G., *Fish Preferred*.

Poetry

Masefield, John, *End and Beginning*.
Parker, Dorothy, *Death and Taxes*.
Monroe, Harriet, *The New Poetry*.
Benet, S. V., *John Brown's Body*.

History

Adams, J. T., *The Epic of America*.
Beard, C. A. and M. R., *The Rise of American Civilization*.
Allen, F. L., *Only Yesterday*.
Schlesinger, A. M., *Rise of the American City*.
Sullivan, Mark, *Our Times*.

Contemporary Drama

O'Neill, Eugene, *Ah, Wilderness*.
Best Plays of 1932-33.

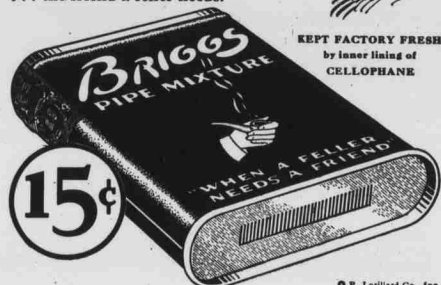
Dr. T. P. Harrison

The *Bull Dog* announced in its issue of February 9 that Dr. T. P. Harrison, professor of English here is the oldest living graduate of The Citadel, South Carolina military college.
Dr. Harrison saw service with the Y. M. C. A. during the World War, and later retired as a Reserve Officer. He was at that time ten years too old to join the infantry, but did his part together with others many years younger.

"WHEN A FELLER NEEDS A FRIEND"



When you're handed the raspberry before your honey... puff away your grouch with genial BRIGGS. Its savory prime tobaccos are tempered and seasoned for years in the wood, 'til they're mellow and mild and minus all bite... The truly biteless blend... the friend a feller needs.



KEPT FACTORY FRESH
by inner lining of
CELLOPHANE

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G-E Campus News



MOTOR TROUBLE

The lady in 856 had tossed and turned for hours. Finally, she called the room clerk: "There's a motor under my bed! I can't sleep!"

The motor wasn't under the bed. It was several floors away. Vibration, inaudible at the source, was transmitted and amplified by the building structure. Instead of a hotel, this might have been an office building, a school, a library, or a hospital. Instead of a sleepless guest, it might have been a patient. For some time General Electric has built quiet motors, which do not sing, throb, hum, whir, or mutter. But, even so, good intentions are nullified unless motors are so installed as to check transmission of vibration. (Every rotating machine vibrates.) Now General Electric has made another contribution—sound-isolating bases, to isolate vibrations within the motor. E. H. Hull, Yale, '24, and W. C. Stewart, Washington U., '26, working with A. L. Kimball, Harvard, '14, did much of the laboratory work on this development.



CIRCUIT SURGERY

That well-known situation of the tail wagging the dog has a parallel in the distribution of electrical power. And General Electric engineers recommend that the tail be cut off. To be specific, electric distribution circuits

which supply current to large groups of customers should not have their reliability put in danger by less important circuits. This is fundamental. In many cases, circuits supplying outlying districts, where they are exposed to damage by lightning and the elements, cause most of the interruptions that raise Cain with the more important service. The tail-cutting-off device to remedy this situation is a new General Electric oil circuit breaker for automatically chopping off the less important circuit when damage occurs, and restoring service when the damage is repaired.



"I'LL SEND MY BOY TO NELA"

Amid the popping of static in a nation-wide broadcast, the new G-E Institute at Nela Park, in Cleveland, was dedicated just before Christmas. It cannot boast of a football team; it has no stadium or band. But it does have laboratories and classes under the direction of a distinguished faculty.

Two former G-E "colleges"—the Kitchen Institute and the Lighting Institute—have been combined to form this new school at Nela Park. It is a clearing house for down-to-date information on the electrical home, and a training school for home appliance sales representatives and home-service directors of power companies and appliance dealers. It is also a laboratory where new ideas in kitchen management, meal preparation, home lighting, and the like, may be developed and tested. Besides the laboratory kitchen and classroom kitchens, there are model kitchens of every type, a model laundry, and an architectural planning department.

This new school is under the co-direction of L. C. Kent, University of Illinois, '13, and Paul H. Dow, Kenyon, '26.

GENERAL ELECTRIC

Gamecock Quintet To Meet State Cagers Here Monday

Terrors Return After Virginia Invasion to Meet Strong S. C. Aggregation

STATE WINS OVER V. P. I. AND LOSES TO GENERALS
Two More Games to be Played by Terrors Before Conference Tournament

The Red Terror basketball team of State College will play the University of South Carolina Gamecocks here Monday night at 8 o'clock in the Frank Thompson gymnasium. The State freshman basketball team will play the Carolina Pines quintet in a preliminary game at 7 o'clock.

Only one more game is scheduled this season for the State team after the South Carolina game. It is the return game with Duke University at Durham, February 24. State cagers will be idle then until the Southern Conference tournament.

Virginia Invasion
The record of the State cagers' invasion of the Virginia during the past week is a 46-30 win over V. P. I., and a surprising 43-37 defeat by the cagers of Washington and Lee. Scheduled games with V. M. I. and University of Virginia were cancelled.

In the V. P. I. game Ray Rex, State guard, led the scoring with 14 points. Charlie Aycock, State forward, scored 8 points to aid in the last half rally to top the game.

Captain Bob McQuage with 11 points and Stuart Flythe with 8 points were the leaders in scoring for the State team in the Washington and Lee game.

Carolina Game
State, which had gained a 34-30 victory in a previous meeting with Carolina, started off the game in great style and rolled up eight points in the first two minutes while holding the Tar Heels scoreless. However, the Carolina quint got back into the ball game in a hurry, pulled into a tie at 9-9, and kept close to the Techs until after 14 minutes State's margin was 16-13. At the half Carolina led 26-13 and from then on the game was all Carolina's.

Leroy Jay, forward, led State's scoring with 8 points. Ray Rex, guard, followed next with 6 points.

State	G.	FT.	TP.
Jay, rf.	3	2	8
Lambeth, lf.	1	1	3
Flythe, c.	1	1	3
Rex, rg.	1	4	6
Womble, rg.	0	1	1
McQuage, lf.	1	1	3

Totals 7 10 24

Carolina	G.	FT.	TP.
Aitken, rf.	5	1	11
Weathers, lf.	4	2	10
Glance, c.	1	1	3
Beale, c.	2	2	6
B. McCachren, rg.	4	0	8
Blood, rg.	0	1	1
D. McCachren, lg.	2	2	6

Totals 18 9 45

STATE BOXERS SPLIT IN BOUNTS WITH DUKE PUGS

State's varsity boxers and Duke's freshmen won dual boxing bouts at Duke last Friday night.

The State varsity took a 5-3 decision in a meet in which only half the scheduled eight bouts were staged. Seven of the scheduled bouts were held in the frosh meet, in which Duke's yearlings edged a 4-2 and 3-2 verdict.

The fighting of Leonard Peacock, States varsity 135-pounder, and Frank Jolly, State's freshman boxer in 125-pound class, were the high-lights of the evening.

The varsity summaries:

115—Turner Billisly, State, and Vincent Onisko fought to draw.

125—Joe Scelza, Duke, won decision over Allen Nease.

135—Leonard Peacock, State, won decision over Ripp Scott.

145—LeRoy Sides, Duke, won by default.

155—Jack Fabri, State, won by default.

165—Carl Stein, State, won by default.

175—James Fletcher, State, and Joe Jester fought to draw.

Unlimited—Ken Stephens, State, won by default.

STATE GRAPPLERS WIN TWO WRESTLING TILTS

State College wrestlers won a pair of meets here last week-end. The varsity team defeated the V. P. I. team 20 to 8 and the freshmen took a 17-3 victory over the Greensboro high mat team. The feature match in the freshman meet was in the 115-pound class, in which Bell of State threw Wayne in 4 minutes and 35 seconds for the only fall of the meet.

Summary of the varsity events:

115—Meinter, V. P. I., threw Morrish in 5 minutes, 39 seconds.

125—Kerr, State, won time decision of 5 minutes over Hall, in extra period.

135—Nolen, State, won time decision of 3 minutes, 38 seconds over Gibbs.

145—McLaurin, State, threw Broyles in 5 minutes, 10 seconds.

155—Bernhardt, State, won time decision of 3 minutes, 44 seconds over Smith.

165—Furr, State, won time decision of 55 seconds over Priole in extra period.

175—Waldrop, V. P. I., won time decision of 9 minutes, 55 seconds over Buckner.

Heavyweight—Cooper, State, won time decision of 4 minutes, 47 seconds over Copenhaver. Referee: May (Richmond Y.).

STATE FRESHMEN WIN CAGE CROWN

Win Over Carolina Gives Techlets Crown for Third Successive Year

By defeating the Carolina freshmen last Saturday night at Chapel Hill, the yearlings of State College won the Big Five freshman basketball title for the third successive year.

The Techlets still have a Big Five game to play with Duke's Blue Imps, but the outcome of that game will not alter things.

Captain Warren's yearlings have won ten of their 11 games this winter. The loss was to Campbell Junior College. Five of the wins were over Big Five freshmen quintets.

The Techlets' season has been paced by the work of Sam Womble, Jonesboro boy, at center. Womble is leading the team in scoring and his floor work has been excellent.

Charley Chase, a forward from Salisbury, ranks next to Womble as a scorer. Amil Gerlock, Mt. Union, Pa., occupies the other forward position.

The guard posts are held down by Neill Dalrymple, Jonesboro, and John Allen, North Wilkesboro.

The reserve reserves are Henry Crooke, Poughkeepsie, N. Y., and Harold Chilson, Whitehall, N. Y., forwards; and C. E. Campbell, Danville, Va., and Steve Cooper, Windsor, guards.

In the 11 games played, State scored 348 points to 251 for the opponents.

Games with the Carolina Pines quintet here Monday and with the Duke Imps next Saturday will complete the Techlets' 1934 schedule.

Sports Views

By BROCK SISELL

The decision of the National football rules committee to limit major changes to two—elimination of the five yard penalty for two successive incomplete passes as well as the touchback penalty on the first forward pass heaved unsuccessfully over an opponent's goal line—seems to be in accord with the viewpoint of the majority of the football coaches. The new rulings will certainly liven up the game and will probably give the linemen more of a chance to star in a game. However, I think, next year we will see a lot of wild and unnecessary passes.

The State rifle team surprised us this week when it won the state rifle team championship. All season, Captain Venable, R. O. T. C. coach, has been steadily going about training his team—not saying a word but now to let the action of the team speak for itself. Praise should also go to the five men who have diligently and consistently practiced during the fall for the winter meets. They are team-captain E. R. Daniels, E. H. Moser, J. S. Whitley, J. S. Suggs, and Phil Stone.

The "human pyramid" type of basketball play seemingly will not be popular around these parts with the coaches disapproving its use. The "human pyramid" play is composed of two or three members of a team supporting each other to drop the ball in the basket. A well-known high school team recently used the play to an advantage, but to the howls of disapproval of the opponents. The referee in this game ruled it fair because he could find no definite rule on this play. State's Red Terrors could use this play to good advantage with powerful Ray Rex as support and Jay to drop the ball in. But would they?

Intramurals boxing started off in whirlwind fashion last night. Some of the boxers were rather timid in starting, I admit. But as soon as one found that the other didn't know anything about boxing or vice versa, he pitched in to take the consequences. The finale should be interesting. If you want to find out how tough some of these boxers are, just watch these amateur bouts Monday night. Some of these boys are good. I wonder why they are not out for the boxing team.

The success recently of some of the fraternity teams in the intramurals program, I am told, is due to the frats lining their members from fifty cents to a dollar for absences from practice or a scheduled game. Taking a look at the number of men participating this week, I don't think the fraternities will get rich on fines.

Carolina cagers subdued State last week and they may go far up in basketball standing before the season is over, but they won't be able to forget the licking we gave them here earlier in the season.

Team	W.	L.	Pct.
Carolina	6	1	.857
Duke	5	1	.833
State	5	2	.714
Wake Forest	2	6	.333
Davidson	0	8	.000

HIGH TOURNAMENT TO BE HELD SOON

All Indications Point Out That
Tourney Will be Entirely
Successful

From all indications, a very successful high school basketball tournament will be run off at the Frank Thompson Gymnasium March 8, 9, and 10. Eighty-two teams have already entered, and replies are still coming in. About 500 boys are expected to come to Raleigh for the tournament.

Of the teams entered so far, fifteen are special chartered high schools, and the balance are rural high schools. Johnny Miller, who has charge of all plans and arrangements for the tournament, said the best forty-eight teams will be chosen to play in the tournament. Sixteen of these will be special chartered high schools, and the remaining thirty-two will be from rural schools. Semi-finals will be played Saturday morning, March 10, and finals will be played the same night.

The boys on the teams will be quartered in the dormitories and fraternity houses, it is planned. They will eat all their meals in the college dining halls. Next week, Mr. Miller is going to send boys around among the students to sign them up to take one or more of the players as guests. If the student solicited knows any one from his home town who is coming up, he can sign up for him, and will probably get his preference. "Our aim is to have a boy from these teams in every room on the campus and make him feel at home," said Mr. Miller. "These boys are our guests, and we should try to give them a most favorable impression of our school."

Reds Win Again

In an intrasquad football game Wednesday the Reds continued to win over the Greens, but Wednesday's outcome was a bit more significant since Coach Anderson made numerous changes in the personnel of the rival No. 1 teams. Yesterday's score was 24 to 0.

The first two touchdowns were made by Hoek, fullback and Phil Davis, halfback, who were playing for the first time in red jerseys. The last two were bucked over by Venice Farrar, regular fullback on the No. 1 Red team.

Students Box

Fists were going fast and furious last night for the preliminaries of the intramurals boxing tournament. Each bout consisted of three one-minute rounds. The surprising battle of the evening was in the 165-pound class in which "Red" Goodwin, Lambda Chi, won over Charlie Goodwin, Delta Sig.

W. K. Caldwell, Delta Sig., furnished the big thrill of the evening in the 175-pound-class by knocking out "cold" Perlmutter, Theta Phi. Many other good bouts were fought. Boxing semi-finals will be held Monday night stated Miller late last night.

RIFLEMAN CAPTURE TITLE IN WIN OVER DAVIDSON

J. S. Whitley Leads State Team in
885 Win Over Davidson for
State Title

N. C. State's rifle team copped the rifle championship of the state Wednesday when the team scored 885 points to Davidson College's 842. The shoulder to shoulder match was held at Davidson.

The shooting record of the State team follows: Captain E. R. Daniels, 175; J. S. Whitley, 182; P. E. Stone, 180; E. H. Moser, 178; J. S. Suggs, 170.

Simpson, of the Davidson team, scored 183 points for the highest individual score of the match. J. S. Whitley, State's star shooter, lacked only one point to tie for individual honors.

The State team engages in telegraphic matches with many of the best teams of the country. Last week in telegraphic matches, the State team won over the New York Military Academy, and the New Mexico Military Institute. It lost by close margins to Auburn, Oregon State, South Dakota, and Western Maryland.

The State team uses the Early target range for shooting the telegraphic matches. The team has scheduled telegraphic matches every week-end besides the shoulder to shoulder matches which are carried on with neighboring schools.

The team is coached by Captain Ben Venable, R. O. T. C. instructor. J. S. Suggs, of Whitaker, is the manager of the team.

GOBBLERS CANCEL BOXING CONTEST

Injuries to V. P. I. Team Cause
Calling Off of Meet Scheduled Tomorrow

A scheduled varsity boxing meet between State College and V. P. I. booked for tomorrow night here has been cancelled. Dr. Ray R. Sermon, State athletic director, stated that several of the V. P. I. boxers are nursing injuries and athletic officials there thought it best to call the match off.

State's freshman boxing match with Belmont Abbey, here tomorrow night, will be staged, according to Bill Beatty, boxing coach at State. Frank Jolly, 125-pounder, and W. A. Edwards, unlimited class, are expected to star for the freshmen this meet.

Dropping of the match with V. P. I. ends State's boxing schedule for the season as far as dual meets go. However, Coach Beatty will keep the varsity punchers in strict training for the Southern Conference boxing tournament at Charlottesville, February 23 and 24.

State varsity boxers won three of its five dual meets this season. One was tied and one was lost. The wins were over Duke, Georgia, and Washington and Lee. The tie was with Carolina, and the loss was to South Carolina.

FROSH MEET OAK RIDGE IN CAGE CONTEST TONIGHT

The State College Techlet basketball team and Oak Ridge cagers will clash tonight at 7 o'clock in the Frank Thompson Gym.

State's yearlings won the Big Five basketball title for freshmen this year for the third successive year. They are undefeated in freshman ranks and have won in nine starts out of ten, dropping a game to Campbell College.

Coach Bob Warren will start his regular five State freshmen in the basketball game with Oak Ridge. They are: Charlie Chase and Amil Gerlock, forwards; Sam Womble, center; and Neill Dalrymple and John Allen, guards.

Undefeated



Captain Jimmy McLaurin, who is N. C. State's undefeated wrestler in the 145-pound class for the 1934 season. McLaurin, High Point lad, has won over opponents from V. M. I., V. P. I., Washington and Lee, and University of North Carolina. During the 1933 season, McLaurin lost only one match.

SWIMMERS MEET GENERALS FOR FOURTH ENGAGEMENT

The State College swimming team will journey early tomorrow to Lexington, Virginia, to meet the tank team of Washington and Lee. The engagement will be the fourth for the State team.

In previous meets the State tankers have won over the Fort Monroe army team and Duke University. The only loss has been to the University of Virginia swimmers, 43-41.

Joe Moore, coach of the State team, will take the following swimmers on the trip: Captain Fehl Carter, Jimmy Westbrook, Jack Stonebanks, Wynant Moorman and Boyce Holeman.

Upon their return, the State swimmers will have only Monday afternoon in which to prepare for the return meet with Duke at Durham Tuesday. The State freshman team will meet the Duke freshmen in a preliminary meet next Tuesday at Durham.

DEVILS CALL OFF WRESTLING MEET

Cancellation of Meet Makes State
Wrestlers Champions in Big
Five Group

An outbreak of impetigo among the Duke wrestlers caused Duke University officials late last night to cancel its varsity and freshman wrestling meet with State College this afternoon here.

Several members of the Duke mat squads have fallen victims to the skin disease during the past few days and Duke University athletic officials decided to ask for cancellation of the meet. Although very contagious, impetigo is not considered especially dangerous.

Duke's cancellation of the meet gives the State wrestlers the Big Five wrestling championship for the second consecutive year. State's only Big Five meet was with the University of North Carolina's wrestlers. State blanked the Tar Heels 28 to 0.

In a wrestling meet two weeks ago Carolina matmen defeated the Duke team. Last week the Duke team defeated the Davidson College team by a large margin. By these comparative wins, even the State has not engaged in but one Big Five meet, it undoubtedly has the strongest team.

State's wrestling record for the season stands with three wins and one loss. The wins were over V. M. I., V. P. I., and University of North Carolina. The lone defeat was to the Washington and Lee team.

Jimmy McLaurin, captain of the State wrestling team, is the only member of the team undefeated in meets this season. In the 1933 season he was defeated only once. McLaurin wrestles in the 145-pound class.

Members of the State wrestling team are: 115-pound, Dave Morrow, Greensboro; 125-pound, Colin H. Kerr, Lawrence, Mass.; 135-pound, Charles Nolen, Stoneville; 145-pound, Captain Jimmy McLaurin, High Point; 155-pound, C. E. Bernhardt, Salisbury; 165-pound, Craig Furr, High Point; 175-pound, Buckner, unlimited; E. W. Cooper, Kinston.

W. N. "Red" Hicks is the veteran coach of the State wrestling team. J. F. Doggett, Summerfield, is the team manager.



How are YOUR nerves?

TRY THIS TEST



With arms hanging straight at your sides—standing in erect position—rise on your toes as high as possible. See how long you can maintain this position without tottering or losing your balance. Average time is one minute.

Irving Jaffee (Camel smoker), famous Olympic skating champion, can maintain the position 10 minutes.

Jangled nerves make you
throw away vital energy

Jangled nerves are like a leak in your reserve of energy. And if you could count the units of energy a normally high-strung person wastes each day—the result would astonish you. So if you find yourself drumming on your desk or table—or indulging in any other nervous habits—start protecting your nerves. Get enough sleep—fresh air. Make Camels your cigarette. You can smoke as many Camels as you want. Their costlier tobaccos never jangle your nerves.

COSTLIER TOBACCOS

Camels are made from finer, MORE EXPENSIVE TOBACCOS than any other popular brand of cigarettes!

CAMELS

SMOKE AS MANY AS YOU WANT...
THEY NEVER GET ON YOUR NERVES!

TUNE IN!

CAMEL CARAVAN featuring Glen Gray's CASA LOMA Orchestra and other Headliners Every Tuesday and Thursday at 10 P. M., E.S.T.—9 P. M., C.S.T.—8 P. M., M.S.T.—7 P. M., P.S.T., over WABC-Columbia Network

... SOCIETY ...

Rowlings Poole—Telephone 1440

Sigma Pi Dance

The pledges of Rho chapter of the Sigma Pi fraternity entertained members of the chapter and friends at a delightful informal dance at the home of the fraternity on Clark Avenue last Friday night.

A large number of guests enjoyed dancing throughout the evening. A complete amplifying system broadcasting popular recordings furnished the music. Refreshments were served at 11 o'clock.

Young ladies attending were: Miss Mary Conway, Miss Martha Metcalfe, Miss Mary Porter Flint, Miss Virginia Weathers, Miss Katherine Harris, Miss Elizabeth Dees, Miss Dorothy Finch, Miss Eleanor Layfield, Miss Fannie Belle Bray, Miss Sally Heyward, Miss Mary Ellen Lawrence, Miss Elaine Harrington, Miss Katherine Mason, Miss Elizabeth Layfield, Miss Barbara Moore, Miss Edythe Wyatt, Miss Lola Maynard, and Miss Marie Daniels of Greenville.

Chaperones for the occasion were Mr. and Mrs. N. J. Heyward.

Pi Kappa Alpha

Members of the Pi Kappa Alpha fraternity were hosts at a delightful Valentine party Tuesday evening at their Hillsboro Street home, in honor of members of the college faculty and friends of the fraternity.

Colorful decorations of red hearts and streamers of garnet and gold, the fraternity colors, were used throughout the room in which the guests were entertained.

During the evening, the guests enjoyed the games of lotto, anagrams, shuffle board of hearts' dice, prizes being awarded in each of the games.

Guests of the fraternity included: Dean and Mrs. E. L. Cloyd, Dean and Mrs. W. C. Riddick, Dean and Mrs. Z. P. Metcalf, Dean and Mrs. Thomas Nelson, Mr. and Mrs. T. S. Johnson, Mr. and Mrs. Hartly Anderson, Mr. and Mrs. J. F. Miller, Mr. and Mrs. Charles Doak, Mr. and Mrs. J. P. Hilton, Mr. and Mrs. A. H. Grimshaw, Mr. and Mrs. H. B. Briggs, Mr. and Mrs. Tom Parks, Col. Bruce Magruder and Romeo LePort.

Alpha Chi Beta

The members of the Alpha Chi Beta fraternity entertained a number of guests at a banquet last Saturday night at the Woman's Club. W. C. Roach, president of the fraternity, made a short talk on the founding and history of the fraternity.

Following the banquet members and their guests went to the fraternity home on Clark Avenue, where dancing was enjoyed until midnight.

Young ladies present were: Miss Louise Cox of Greensboro, Miss Lillian Williams, Miss Virginia Tate, Miss Mary Conway, Miss Nell Lewis of Pinehurst, Miss Betsy Kilpatrick, Miss Lillian Covington, Miss Jewel Sandlin, Miss Nell Lowe, Miss Mary Jo Swicegood, Miss Eloise Gibbs, Miss Betsy Salisbury, Miss Lemoyne Edwards of Lumberton, and Miss Sarah Walters of Lumberton.

Chaperones were Mr. and Mrs. D. K. Frye.

A. S. M. E.

The State College branch of the American Society of Mechanical Engineers entertained a number of guests at a dance given in the M. E. laboratory last Friday evening.

H. W. Barringer furnished the music for the dancing, which continued from 9 o'clock until midnight. During the evening delicious punch and cake was served.

Young ladies attending the function were: Misses O. D. Uzzle, Hilda Fuller, Peggy Moody, Elizabeth Lewis, Louise Warren, Emily Vaughan, Margaret Brewer, Josephine Clark, Mirron Powers, Nell Lowe, Erma Johnson, Virginia Kennedy, Elizabeth Gantt, Margaret Owen, Mildred Pittman, Helen Crowder, and Mrs. J. C. Ferguson.

The chaperones included Prof. and Mrs. L. L. Vaughan, Prof. and Mrs. F. B. Turner, Prof. and Mrs. R. P. Kolb, and J. M. Foster.

TAYLOR SOCIETY TO BE ORGANIZED

Prof. Henninger States Organization to be Formed Within Next Two Weeks

Plans have been completed for the organization of a student branch of the Taylor Society, announced R. W. Henninger, professor of industrial management.

The organization will take place within the next two or three weeks, thereby making it possible for the seniors to have the opportunity of receiving many of its benefits before leaving and thus be better prepared to bridge the gap between college and industrial life.

The Taylor Society is inspired by the conviction that the dominant characteristics of American industry is no longer "easy profits" attending the discovery and the conservation of abundant unappropriated natural resources, and that in the long run only those enterprises can sustain themselves which meet a genuine economic need as ascertained by careful analysis of markets and productive localities which conduct their operations through plans, schedules, and methods that eliminate waste of human and material energies employed, and which maintain the spirit of "working together toward a common end" through harmonious personal relations.

It has from its beginning in 1912 consistently adhered to the purpose of helping industry to approach all phases of the management problems—production, marketing, finance, and industrial relations—in a scientific manner.

This means the abandonment of prejudice, guessing, and haphazard imitation of methods, and the adoption of the open mind and the scientific methods of research, experiment and analysis in attacking every major and detailed problem of management in each particular circumstance.

Its membership consists of manufacturing and merchandising executives, industrial engineers, investigators, teachers and students of management, and others whose common purpose is to ascertain and to promote administrative policies and managerial methods which tend to make business operations more serviceable, stable, economical, and profitable, individually and collectively. The membership is not on the basis of scholarship, nor is it an honorary fraternity, but rather, primarily based upon interest in management.

The student branch members will be entitled to many of the practical services and assistance in their work from the Taylor Society. The society aids in securing speakers for the programs, answering inquiries concerning technical and similar problems, and introductions to firms for investigation visits, as well as offering the benefits of the society placement services, both before and after graduation.

Professor Henninger states that any

To Play Here



HILARY H. THURSTON

Leader of "The North Carolinians," who will play for the 30 and 3 ball, honoring Mr. and Mr. Hearty W. (Hunk) Anderson, on Friday night, February 23, in the Frank Thompson Gymnasium. The Carolinians, who have been well received throughout the South, feature Miss Margaret Hutchins, radio and television star, with Johnny Jackson, golden voice tenor, and the rhythm trio.

FULTON WRITES ARTICLE ON GRAIN MOTH PARASITE

Zoology Department Instructor Prints Notes from Entomological Annual

Prof. B. B. Fulton of the Zoology Department of State College has published a treatise titled "Notes on Habrocytus Cereale Parasite of the Angoumois Grain Moth." The work was reprinted from the "Annals of the Entomological Society of America."

The work is interesting for the remarkable actions of the insect described as well as for its technical value. Especially interesting is the process of oviposition are laying of eggs. After the grain moth on which the subject of the treatise feeds has bored itself a comfortable home in a grain of corn, the Habrocytus Cereale parasite drills through the shell, sticks its ovipositor or egg tube in and lays its egg.

When the parasite itself desires to drink the blood of the grain moth, it drills into the shell, finds the moth, and jabs its ovipositor in it. The ovipositor then exudes a thick gummy substance forming a coating. The ovipositor is carefully withdrawn from the coating which then hardens forming a perfect tube. Through this tube the parasite sucks the blood of the moth into its mouth.

Fulton has illustrated his book. Students who are specializing or are interested in any phase of management will be eligible to membership. The organization meeting date will be announced in next week's issue of THE TECHNICIAN.

TEXTILE SENIORS TO VISIT PLANTS

Group to See Mills in Operation in Many Places in N. C. and Virginia

The members of the senior class in the Textile School will make their annual trip next week. They will be accompanied by Dean Thomas Nelson and possibly by other members of the Textile School faculty.

Leaving Raleigh early Tuesday morning in a specially chartered bus, they will first visit the various plants of the Burlington Mills, Burlington. This company is said to be the largest manufacturer of rayon crepes in America. It also produces a variety of other goods, including drapery and upholstery fabrics. At these mills the seniors will find many State College Textile School graduates. W. J. Carter is vice president and W. L. Hoene is head designer. Other alumni who fill responsible positions in the various plants of this company include H. C. Carter, T. C. White, C. A. Biggs, R. F. Warren, T. G. Tyson, R. A. Gilliam, W. F. Isom, W. L. Hadley, B. M. McConnell, Wilson Adams, B. D. Farmer, A. M. Stack, S. W. Bright and G. W. Byrd.

While in Burlington the seniors will also visit the May Hostery Company, one of America's largest manufacturers of hosiery. Henry B. Dixon is textile chemist and W. A. Long is also connected with them.

Tuesday afternoon they will see many types of textile printing demonstrated at the Proximity Print Works in Greensboro and then visit the Proximity and White Oak Mills. These mills are the largest manufacturers of denim in the world. Textile alumni connected with the Proximity and White Oak Mills are Hill Hunter, general manager; W. H. Bogart, assistant superintendent; E. R. Betts, cotton classifier; and Horace Pennington, Jr.

Wednesday will be spent in visiting the various plants of the Carolina Cotton and Woolen Mills at Spray and Fieldale, Virginia. These mills, which are owned by the Marshall Field Company, manufacture a wide variety of cotton and woolen goods, ranging from sheetings and towels to high grade rugs and druggets. Textile School alumni connected with the Carolina Cotton and Woolen Mills include J. H. Rippe, superintendent of the Fieldale plant; J. H. Byrd, textile chemist; J. B. Lamar and R. H. Hundley.

Thursday will be spent at the Riverside and Dan River Mills, Danville, Virginia. These large mills manufacture, dye and finish a large variety of textile products and employ a number of State College Textile School graduates. Among those who fill responsible positions are H. G. McGinn, Russell Gant, T. H. Nelson, P. E. Smith, G. H. Mahafey, Joe Lilly, B. B. Howard, L. H. Roane, W. J. Honeycutt. At every plant visited the seniors will be met by groups of State College alumni.

Runner-Up



MISS HAZEL BEACHAM

Popular State College co-ed who was runner-up in the Co-ed Beauty Contest sponsored by THE TECHNICIAN. Miss Beacham was defeated only by a small number of votes, Miss Lola Maynard winning the contest.

TEXTILE CHEMISTS NAME MERCERIZATION GROUP

Two State College Graduates and One State Professor Named On Group

The American Association of Textile Chemists and Colorists has appointed a committee composed of members from their three southern sections to do research on mercerization. Mercerization is the process of finishing cotton yarns to give the yarn or cloth more luster and a greater affinity for dyes.

A large number of North Carolina mills use mercerized yarns in weaving and knitting and some mills mercerize yarn for, either their own use or for use by other organizations.

Prof. A. H. Grimshaw of the Textile School, who is vice chairman of the Piedmont section of American Association of Textile Chemists and Colorists and who is, also, a member of this research committee to study the problems of mercerization, attending a meeting of the committee in Atlanta, Georgia last Saturday.

Professor Grimshaw stated that the first object will be to compile a bibliography of all work done on mercerization; and the next object will be to obtain aid from the Textile Foundation in supplying funds for the work. He, also, stated that the research would require about three or four years and it is hoped that a number of the bothersome problems will be cleared up.

Two other N. C. State College men on the committee are E. A. Feimster, Eagle & Phenix Mills, Columbus, Georgia and Burton Mitchell, American Yarn and Processing Co., Mt. Holly, who attended the Textile School.

KOO DISCUSSES EASTERN CRISIS

Chinese Speaker Says War Almost Inevitable Between Japan and Russia

"The nations of the world must create some international agency with power to enforce its rulings in order to preserve world peace," Dr. T. Z. Koo, noted Chinese lecturer, said Monday night in his speech, "Manchuria and World Peace." The lecture was sponsored by the State College Y. M. C. A., which had been endeavoring for three months to arrange it.

Dr. Koo stressed in his lecture the almost inevitableness of a war, or wars, in the Far East. He pointed out that the relations between Japan and Russia are at a breaking point. Both nations are racing to build up armaments and to strengthen fortifications. Japan, he believes may attack Russia by spring, in order to crush her before she gets strong enough to endanger Japan.

China, according to Dr. Koo, is gradually increasing her military strength in order to eventually retake Manchuria. However, if Japan were to attack Russia, China would maintain a neutral stance.

Dr. Koo stated that there were two courses left for the civilized people to pursue; recognize that war is inevitable and prepare for it, or to believe that war might occur, but try to avert it.

"The reason that the League of Nations failed in the settlement of the Japanese invasion of China, other than talk, was because it was not given any power to enforce its rulings," Dr. Koo said. "All the league can do is to suggest and never enforce."

The St. Augustine Choral Club, under the direction of L. T. Caldwell, sang a number of selections.

Dr. Koo, at the conclusion of his speech, played several Chinese selections on a flute.

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Industry School Head Gives Qualities Of True Engineer

Prof. Johnson Tells A. S. M. E. of Essential Elements in Engineer's Make-up

TELLS MEN TO DEVELOP POWERS OF QUESTIONING

Says Well-Developed Inquiry Had Large Part in Bringing Einstein's Success

Prof. T. S. Johnson defined the true engineer as, "A man with knowledge and technical sense who gets out of his work something besides money, and who utilizes his work for the benefit of others," at the semi-monthly meeting of the student chapter of the American Society of Mechanical Engineers last week.

Professor Johnson continued by giving the three essential elements of an engineer's make up. "First of all, an engineer must possess a well developed inquiry. He must always be looking into things and making himself see why it works and if it is working correctly. Einstein was once asked how he had risen to such heights as a mathematician. He replied by saying that he never took anything as absolutely correct. He didn't even accept the axioms as true. This mental action must be kept up all through life. It is commonly said that thick through the middle, thick through the head but don't let that come true for it means a lessening of your success. If you should become heavy physically, make your mind even clearer than before. It is that well developed inquiry which represents the difference between the man with the college training and the high school graduate.

"A Breadth of Sympathy," was the next point stressed by Professor Johnson. "An engineer is never intolerant of another man's ideas," he said. "You don't have to accept a man's statement as always being true but you should always listen to him and consider what he has to say with an open mind. Just because you don't like a certain professor you shouldn't refuse to listen to his lectures and advice which he gives in his classes.

"You must also extend that tolerance to other fields. If you are as cultured as you should be, (using cultured in the sense of intellectual training rather than the common idea of winy, washy social mannerisms) you will recognize beauty in the things you come in contact with. I don't mean that you have to admire things for their prettiness. That isn't the point. You should be able to see the beauty of symmetrical, well balanced and harmonious things, for most objects seen today contain these principles. While a working drawing of a locomotive may not appear to have any of those qualities, the finished product certainly does. Consider what is behind that magnificent and beautiful machine. Think of all the people who contributed to its making and of all the neat, clean cut and well balanced machinery underneath the outer shell. Throughout it all is to be observed its fitness.

for that is a requisite of both engineers and engineering.

"The third essential element all engineers must possess is a Profound Professional Touch. You must always have a desire to associate with the best of the craft. Not only must you have a higher respect for your profession but also should the public have a higher respect for it. A belief in the universality of all powers in all modes and walks of life, even beyond ordinary conditions, is absolutely necessary.

"You must learn to perceive those unusual conditions and learn to value them. A sense of value is necessary at all times if you are to live up to the definition of a true engineer, and intend to practice in this modern world."

EXTENSION HEAD ADVISES CORRESPONDENCE COURSES

E. W. Ruggles Says Study of Agriculture Necessary Now With Surplus Land

Farmers who signed AAA crop adjustment contracts now have more surplus land than ever before and should learn to use it to the best advantage, said E. W. Ruggles, director of the N. C. State College extension division. "We have a number of correspondence courses specializing in the various phases of agriculture which would benefit many North Carolina farmers and could be studied in their spare time," Ruggles said.

Among the outstanding courses offered in the field of agriculture are: general poultry, an introduction into the poultry business and its possibilities as a department of the farm and also as a separate business; Fertilizers, which deals with the source, characteristics, and utilization of crop fertilizers; and field crops, which is a study of the adaptation, culture improvement, harvesting, and use of the more important field crops.

Among the other courses recommended for study by farmers are: home floriculture, poultry diseases, and soil survey.

For those who wish to pursue a course of study in other subjects useful to farmers in everyday dealings on and off the farm, courses in introduction to economics and business law are offered.

More than 40 different courses are available through the State College extension division, each given three credits or two semester hours of college credit upon satisfactory completion.



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