



Plans Formulated For Arbor Day Festivities

Campus Tradition Begins As College Declares Half-Holiday And Plants Five Thousand Trees Last Week In February

BEGINNING a tradition, Arbor day on Tech campus will be celebrated February 22 when 5,000 trees will be planted by students and faculty members.

O. B. Howell, professor of horticulture and director of campus beautification, is in charge of the occasion.

Trees will be taken from the Tech nursery stock which numbers an estimated million plants, fifty thousand ranging between three and four years old.

Howell says, explaining the idea behind the program, "The Tech campus will some day be pointed to as the beauty spot of West Texas."

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Supervisors working under Howell will be mounted, and by covering the whole area will insure coordination of all units.

Helping to direct planting in the area of their buildings, directors, termed "straw bosses" by Howell, are: M. E. Heard, textile; O. V. Adams, engineering; Elizabeth West, new library; R. C. Goodwin, chemistry; J. M. Gordon, agriculture; J. W. Caston, gymnasium; W. C. Holden, museum; Margaret Weeks, home economics; Mozelle Crad-

Straw Bosses Listed

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Women Offer A Rose Garden

Plot Back Of Chemistry Building Considered For Flower Site

A rose garden, sponsored by all women's clubs on the campus, will be part of the beautification and tree-planting project February 22, according to Mrs. Mary W. Doak, dean of women.

Flowers from the garden will be used at women's recognition service, and will be available for other campus social activities, Dean Doak said.

Present plans, according to O. B. Howell, associate professor of horticulture in charge of the arbor day activities, call for about 100 cuttings of ten different varieties to be furnished by the various women's organizations.

Wind Thru the Sallyport

As the CLOCKS in the CLASS-ROOMS on the campus (which are never alike in time) TICKED OFF DEAD WEEK, Sally PEEP-HOLED AND ORGY OF PRE-EX-AM SCANDAL.

NEW TEXTILE PROF pledging PHI PSI first got a LIST OF QUOTED PRICES from downtown SOURCES. HIS FINDINGS revealed STUDENT RATES are LOWER.

ELRAY LEWIS, the hypotenuse of the JACK OWENS-HAROLD COCANOUGH-HERSELF TRIANGLE doesn't seem to MIND THE ATTENTIONS FROM EITHER OF THE TWO SIDES.

HERE'S ONE as rough as RIP GREEN'S BEARD: TOMMIE JANE RUNKLES is now UN-STEADY and PLAYING A-ROUND. AND DOROTHY ANN YORK IS TWO-TIMING JIMMIE KIMMEL.

JO STANLEY DID NOT ESCORT GLORIADEL BOWEN to the ARTIST COURSE Monday night, FOLLOWING A FUSS IN PUBLIC. SALLY CAN TELL ARTHUR REINHART where his MISSING BED IS. THE SLEEPER is in ED MORRISON'S ROOM.

AND THAT'S ALL the advice (See SALLYPORT, page 4)

Bird Shipment From Museum Due Here Soon

Smithsonian Institute To Loan Stuffed Exhibits Of Migratory Birds

THE West Texas museum this week received notice from Dr. Herbert Freedman, of the Smithsonian Institute, that a shipment of stuffed birds has been dispatched to Lubbock.

Improvements Made

Recent improvements in the museum include painting and cleaning of cases, and hanging of pictures of famous Americans.

Announcement of freshman students making high scores in English placement tests given at the beginning of the semester was made recently.

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Election Date For Publication Vote Fixed By Council

February 24 was selected as the date for the annual publication of the paper's election by the student council in a called meeting Monday night.

Euster Kirk, sophomore representative to the council from the engineering division and Rufus Ryan, junior class president were installed. Kirk replaces James Short, who was declared ineligible in a recent shakeup that saw Joe Stanley, junior class president, and Harold Gerhart, sophomore president, ousted.

Plans for holding the election were formulated with the student governing group banning campaign practices which included painted signs on streets, sidewalks, or walls of the campus property.

The council will supervise the voting, which will be held from 8 to 5 o'clock with ballot boxes in the four main campus buildings.

Dean Lists Seven Seniors For Work

Seven senior girls have been selected to stay in the home management house the first six weeks of next semester, Miss Margaret W. Weeks, dean of the home economics division, has announced.

Girls who will live in the house during the first period are Mary Loch Howell, Louise Wright, Lavene Roach, Mary Frances Standifer, Helen White, Elouise Wilke, and Helen Allen.

Engineering Student Constructs Tennis Robot Which He Proposes May Revolutionize Game On The Campus; Machine Shoots Balls At Desired Angles Regularly

quainted with the engineer in charge of the Sinclair exhibit. This engineer, who Moore said had constructed the huge Sinclair dinosaurs, helped with the plans and made corrections.

Moore explained that the average tennis player, wishing to perfect a certain difficult shot, has comparatively few chances of receiving the shot in ordinary tennis play, often enough to improve his return.

The tennis robot, he said, will send a ball at the desired angle every time at the rate of one every four seconds, and the player may practice the same shot for hours if he wishes to do so.

The idea of a tennis robot at Tech originated last spring, he stated, when the robot at Texas university was mentioned. W. E. "Dub" Rushing, a former member of the varsity tennis squad, agreed to furnish the one-fourth horse power motor needed to run the machine.

This summer, while working at the Greater Texas-Pan American exposition in Dallas, he became ac-

Tennis Robot



(See Story Below)

Thirteen Have High Averages

Reveal Shortcoming Of Tech Freshmen

Announcement of freshman students making high scores in English placement tests given at the beginning of the semester was made recently.

Junior Livestock Judgers Receive National Awards

Two silver loving cups and a red ribbon were brought back from Western National Livestock judging contests by Tech's junior Livestock judging team, Ray C. Mowery, professor of animal husbandry and coach, announced.

Allen Henry, member of the team from Sterling City received one of the cups in recognition of winning high individual honors in judging of all fat stock. He also was recipient of a red ribbon and a check for \$20 as second high individual in the entire contest.

Evans Completes Symposium Plans

Dr. A. W. Evans, head professor of education, who will lead a symposium of the new curriculum in prospect and retrospect, at the West Texas Teachers Association in Big Spring, March 12, announced the completed program, Thursday.

Besides Evans' General Phases of the New Curriculum, are these speakers: Supt. W. B. Irwin, Lubbock, Levels of Instruction in the New Curriculum; Supt. W. C. Blankenship, Big Spring, The New Curriculum in Action; Supt. J. E. Watson, Colorado, The New Curriculum in the Middle-Sized School; and Co. Supt. J. E. Griggs, Lubbock County, The New Curriculum in the Rural School.

Museum Asks For Skull

Museum officials this week sent a request to a farmer near Spur, asking for a prehistoric amphibian skull he discovered. The fossil head measures about 20 by 30 inches.

Aggies Construct Eight Seed Bins For Supplies

A series of eight seed bins designed to protect college farm seed supplies from weevils and other insects are under construction by agriculture students, under supervision of H. P. Clay, assistant professor of agriculture engineering.

Construction of the bins will allow fumigation of seed once every three weeks or more often during warm weather when weevils are more active, Clay said.

College Phi U Group Goes To Denton Meet

TSCW Installs Honorary Home Economics Unit With Outside Aid

SIX members of Phi U, honorary home economics fraternity, left yesterday for Denton, where they will install the Alpha Alpha chapter of Phi Upsilon Omicron at Texas State College for Women.

Initiation ceremonies will be held today at the Denton for the second Texas chapter of the society, the Tech chapter being first. Members of the fraternity from University of Nebraska will aid in the installation.

Library Laborer Injured In Fall From Structure

Albert H. Skinner, 48, of Idalou, suffered a fractured left arm and right leg at one o'clock Wednesday when he fell from the second floor of the new library structure.

Skinner was admitted to Plains hospital soon after the accident, and is resting well according to hospital officials. He was badly bruised and lacerated.

He had been directing beam forms from inside the structure at the second floor, and apparently lost his footing, according to McGlinchey. No one saw the accident.

Skinner's uncle, Frank Skinner, and his brother, Ernest Skinner, both reside in Lubbock.

Refinishing Class Exhibits Samples Of Restorations

Furniture stained to a fine satiny gloss when it originally was varnished with a cheap glazed finish has been obtained by students of a Home Refinishings class, taught by Miss Mabel D. Erwin.

Example of before and after refinishing by class members are displayed in a show case in the entrance of the home economics building.

Old Varnish Removed

During a detailed process the old varnish is removed and the furniture is cleaned with benzene and sandpapered. It goes through a series of staining, sandpapering, shellac-ing, and sandpapering again, before the new varnish is applied.

Several days are allowed to elapse before each coat of stain is put on. The wood is rubbed with water, pumice, and steel wool between the different applications. Several coats of wax are applied with careful rubbing between each. The result is a satin-smooth piece of furniture, showing the grain of the wood.

According to plans the machine will be about 45 inches long, 20 inches wide, and 53 1/4 inches high. The batting arm, the most interesting part of the machine, Sidney believes, is about 18 inches long.

The robot consists of several complete units, the undercarriage, machine proper, batting arm, and the machine proper contains a v-belt and wheels with power to decrease the speed of the motor at the ratio of 2 1/2 to 1, and worm screw speed reducers which change the speed 48 to 1. Here, also, is ball box.

The heart of the robot or the round disk which is arranged so that power may be released to the batting arm at certain definite intervals as the disk turns.

The catches, according to Moore, will have to stand very rough treatment and they are to be made of case-hardened steel.

The batting arm is made of hickory and most of the other wooden parts of the robot are made of pine reinforced at points of stress by plywood. The batting

(See ENGINEERING, page 4)

Registration For Second Term Opens January 31

Gymnasium Doors Swing Wide At Eight O'Clock For Two-Day Grind Of Signing For New Courses During Spring Semester

INITIATING another semester's work, college gymnasium doors swing open for registration at 8 o'clock Monday morning, January 31, announces W. P. Clement, registrar.

Two days will be devoted to registration, and during that time deans, faculty members and assistants will be on duty from 8 a. m. to 12 noon, and from 1:30 to 5 p. m. Freshmen students will register Monday morning, sophomores and remaining freshmen Monday afternoon, and juniors and seniors at anytime Tuesday.

Students entering for the first time will be photographed for identification purposes, Clement said, in outlining enrollment procedure.

Biennial Welding Conference Lists Various Lectures

The third biennial welding conference will be held on the campus February 3-4. Eighteen manufacturers have expressed their intention of cooperating with the users of welding equipment and the department of mechanical engineering by buying space for exhibits and demonstrations.

Lectures will be given in the engineering auditorium and demonstrations conducted in the mechanical engineering shops. Purpose of the conference is to bring together all persons interested in the latest development and possibilities of welding. There will be motion pictures, slides, lectures, exhibits and demonstrations of various processes by experts from different companies.

Register Thursday

Registration will begin Thursday morning at 8 a. m. in the engineering building. No registration or admission fee will be charged, but participant's costs will be between 75 cents and \$1. Every man attending should bring a hand shiled and goggles.

Various companies exhibiting will give prizes at the close of the conference.

Thursday night a banquet will be given at the hotel in order that welders attending the conference may contact manufacturers and exhibitors. L. C. Monroe, advertising manager of "Welding Engineer", an official welding publication, will be toastmaster at the banquet.

Student Dies Of Pneumonia

Funeral services were held in Shamrock Friday afternoon for Cecil Hall, 19, freshman mechanical engineer, who died at 2:35 p. m. Thursday in the Lubbock sanitarium.

Stricken with lobar pneumonia which apparently had developed from influenza contracted before the holidays, Hall was admitted to the sanitarium Tuesday night. The body was removed to the Rix Funeral home, from where it was transferred to the train Thursday night to be sent to his home in Shamrock for burial.

Hall, son of Mr. and Mrs. J. P. Hall, 105 North Texas, Shamrock, was to have been 20 years of age tomorrow. He resided at 2306-21 street here, and worked at the Auto confectionary. He was a member of the Engineering Society.

Brazilian Girl Is Returning To City

Allie Hevia, former Tech student, arrives in Lubbock next week from Rio de Janeiro, Brazil. She sailed January 8 on the S. S. Del Mundo.

Miss Hevia attended Tech in 1935, where she majored in business administration. She did not return to Tech the following year, but was secretary for several business firms in Lubbock.

Born in Argentina, only child of a Spanish mother and an Argentine father, she now lives in Rio de Janeiro with her foster parents, Mr. and Mrs. Virgil R. Kershner. Kershner's parents live in Lubbock.

Miss Hevia came to the United States in 1929 and lived at Edinburg, in the Rio Grande valley, for one year. There, she learned to speak English in high school. She had already mastered Spanish, Portuguese and French.

Miss Hevia returned to South America, where she remained four years, attending the Bennett school in Rio de Janeiro.

She came to Lubbock in the spring of 1934, and was graduated from Lubbock High school. She left last June for South America where she has been for the last seven months.

BLITZES GIVE RECITAL

Professor and Mrs. J. P. Blitz gave a short recital Tuesday evening before the Musical Arts Club, Plainview, in connection with regular monthly lectures to the club by Professor Blitz, head of music department.



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College Students Should Stand In The Correct Space If They Want Rides From Townspeople

THE other evening four eds were standing at the corner of Broadway and College avenue waiting for a ride to the metropolitan center of the city. We were among this group of students. A car coming from the south on College turned into Broadway and had to swerve into the middle of the street to avoid hitting us. The driver pulled his vehicle around us and up to the curb where he blew his horn. We immediately broke into a gallop in order to accept the proffered ride and then decided that he was blowing for someone in one of the houses and we turned around and started back to our faithful stand in the middle of the street at the corner. One of our number happening to look around saw the driver motioning to us through the rear window of the car. We started running again to take the ride and got into his car with apologies for our actions at turning around the first time.

The driver, a kindly elderly man, said "get in boys, I couldn't stop my car at the position where you were standing for I would have been in the middle of the street where a car turning the corner fast could not avoid hitting me. I am more than glad to pick you boys up but I am going to have to stop if you don't quit standing in the middle of the street."

The driver, when he said that, expressed the opinion of the majority of Lubbock motorists. Many of them are desirous of giving us rides to town and back but they cannot run personal risk and the danger of destruction to their property just for a 'good Samaritan' act.

They are willing to do their part and the rest is up to us. We must be courteous and show respect for their rights and realize that they owe us nothing but are stopping for us through the kindness of their hearts and their love for our alma mater.

Some students narrowly adopt the attitude that the Lubbock citizen owes his bread and meat to the Tech student. They say that Lubbock was not much more than a hole in the road before the college was established.

These students who we are thankful to say are in the very small minority are adopting the attitude of the spoiled child or adolescent.

It is true that our college is one of the greatest factors in the development of Lubbock and surrounding territory but at the same time Lubbock citizens are one of the greatest factors in the development of Tech, our own Lubbock business men are directly responsible for many of the physical as well as moral advancements of our school.

It is not for us to brand Lubbock citizens as our wards nor is it right for them to look upon us as such. Sociologically speaking the two groups comprise one unit which held together will prosper but divided will cause depreciation of both.

The Lubbock citizens have our interests at heart and are DEFINITELY OUR FRIENDS. Let's let them know we appreciate the fact and MEET THEM HALF WAY.

Students Neglect Tradition

THREE years ago a tradition was begun on the campus of Texas Tech. This tradition was in the main that male students should go unshaven during dead week and during the examination period. The coeds were to refrain from using nail polish for the two-weeks period.

This year the student body as a whole has neglected to observe the tradition. Many excuses have been given as to why we aren't keeping up the observance. None of these excuses save those of absolute necessity should be accepted. Exceptions include working students who wait on tables, deal with the public or, in general, jobs that require a well-groomed appearance.

The TOREADOR knows that tradition builds school spirit. To cite Tech's lack in that quality is only to point out the neglect to do so on the part of a large number of enrollees. Flimsy disregard of the spirit of things is disgusting. As are such excuses as "my date objects to my whiskers", "everybody else is shaving why shouldn't I", my collar rubs me when I don't shave", and so on down the howl list of a silly defense of disloyalty.

The dormitory boys have the right idea in their enforcement actions. It sometimes goes pretty hard to occupants there who keep "sleek" during the "House of David" period. The adherence should be uniform throughout the school with students taking a hand in enforcement when the excuse won't hold up.

If certain groups can keep up the tradition then surely the student body proper could do so. And if we are to have any traditions at all, then this is a good place to lay the law down to those that won't cooperate. A two-weeks lull in play-boy tactics is demanded by the rules of the college, let's make the unwritten of the anti-shavers equally as important. If you haven't broken the tradition, you have the right to step up to the next student who has without any legitimate excuse, and demand his answer of whether he wants school spirit or not.

Today's Thoughts

Man can not degrade woman without himself falling into degradation; he can not elevate her without at the same time elevating himself. -Alexander Walker

Books And Authors

By J. B. CEARLEY Robert Nathan brings forth another of his fantasies in "Winter in April." The book has the same astonishing deftness, design and humanity as did "The Fiddler in Barly," "Jonah," and "The Enchanted Voyage."

The book is about flesh-and-blood people of New York. The chief of these is old Henry Penifer, a distinguished scholar who is esteemed by his colleagues, critics and his grandaughter, 15-year-old Ellen, has been living with him since her parents died. She is the normal young girl who still goes to school and spends her change on chocolate sundaes. She is so rapidly obtaining ideas about life that she cannot be regarded as a child.

Romantic Idea One of these ideas involves Eric Von Siegenfels, secretary to old Penifer, who is about twice her age and to Penifer's greatest objection a German. Although Eric cannot take dictation in shorthand, he tells Ellen that one must make a living even in New York.

Nathan builds his story around these three major characters and as many minor ones. The real basis of the novel might easily be called Ellen's passion. It isn't, to be exact, a very strong passion because it is so one-sided. And even if Ellen had not been well-brought-up, a fifteen-year-old girl wouldn't marry the first man with whom she fell in love. It has its effects, however, and shocks Ellen out of childhood into an adult, and the genial grandfather is amused more than he desires to admit. As for Eric, he is a very serious young man and is merely touched by the situation and not in the least amused.

Many Reactions There is not much more to the book than this, but the author's treatment is excellent. Eric, the young refuge from fascism, is a symbol of the generation directly affected by current political and social changes. Grandfather Penifer too old to be directly affected, is not a little confused by the unrest he recognizes everywhere. Ellen, a perfect representative of the younger generation, wakes up to discover that she too is affected. Eric leaves for Spain to join friends in war at the close of the book, and fascism has become to mean something even among school books and chocolate sundaes. Thus, the book shows a perfect reaction of how three generations are affected and how each unconsciously responds.

MONEY TO LOAN Diamonds, watches, guns, radios, typewriters or anything of value. LICENSED AND BONDED PAWNBROKER Jenkins Jewelry 1208 Broadway Phone 3234

CAMPUS CAMERA



PERSONALITIES

Manager of engineer's show this year... Henry Meredith... senior mechanical engineer from Cleburne climaxes four years of achievement on the campus of Texas Tech. Freshman class president... Student council representative from engineering division as a sophomore... president of dormitory association last year... vice president of senior class... student assistant in mechanical engineering lab... definitely interested in power plant work... doesn't like chemistry or women who talk too much... enjoys photography as a hobby and thermo-dynamics as studies... Agrees Tech students have a swell spirit of democracy.

The Collegiate Jimmie James, Mgr. SPECIAL-THREE MEALS Breakfast \$15.00 Monthly Phone 4034

From Other Campuses

New Crib Method A crafty New York university lad has discovered a new way to crib. Notes written on spectacles or watch crystals in grapefruit juice become visible when breathed upon. -Indiana Daily Student

Another Survey Twenty-six percent of the coeds on the campus of the University of New Mexico are "gold diggers"—that is if interviews with 95 girls can be considered a true cross-section of feminine opinion on the campus. The recent survey also revealed that most girls want families, gentle lovers, jealous boy friends, personally above all else in the boy friends who they "court." -New Mexico Lobo

Artist Picks Beauties George B. Petty, Esquire magazine artist, has agreed to pick the most beautiful girls in El Paso's School of Mines for places in the annual. He will also create the division page for the feature section. Girls with "yumph" will probably get the edge, as Petty's Esquire specialties definitely have "yumph." -The Prospector.

Color Exams Kansas State has introduced color as the keynote of examinations. A new system known as the Chem-o-Score device turns the students' answer red if it is incorrect and blue if it is correct. -Suflower.

Coed Heroes Heroes of the coeds were rated after a recent national poll of women students. The Big Three, Princeton, Harvard, and Yale men, still rank highest with the gals but Williams and Dartmouth run close seconds.

The most coveted dates are to the Army-Navy game, a Rose Bowl game, or Yale-Harvard classic.

uated from the Home Economics division and is now teaching in Dumas. George received a degree in agriculture and is doing graduate work in Texas A. and M. college this year.

Two graduates of the college, Doris and George Townsend, visited here last week. Doris was graduated from the Home Economics division and is now teaching in Dumas. George received a degree in agriculture and is doing graduate work in Texas A. and M. college this year.

Ride The Bus For 5c City Bus Co. Main at Ave. J

Glenn Harrison, B. A., 1937, of Plainview won the assistantship in romance languages this year at Texas university. Harrison, a Tech graduate, plans to continue his work towards a Ph. D. after completing the work for a master's degree at the University.

William Nelle, B. A., 1932, M. A., 1935, who is now completing his work toward a Ph. D. degree in Spanish at the University of California with the aid of a teaching fellowship, visited friends and professors on the campus during the holidays. Mr. Nelle was accompanied by his wife, the former Winnie Ward, B. S. in home economics in 1935, of Lubbock.

A travel talk on the "Holy Land" will be given by Miss Jonnie McCreery, to the Sudan Women's club Monday night.

PALACE THEATRE 4 BIG DAYS STARTING SUNDAY WITH PREVIEW TONITE MORE STARS...ROMANCE... MELODIES...BEAUTIFUL Rosalie NELSON ELEANOR EDY-POWELL FRANK MORGAN - EDNA MAY OLIVER RAY BOLGER - LONA WESLEY BILLY GILBERT - REGINALD OWEN

PROFESSOR BENNY GOODMAN REPEATS HIS COURSE IN SWING-OLGY FOR THE SECOND SEMESTER!



"GIVE!" signals Goodman. And Drummer Gene Krupa "takes it." The famed quartette, which streams out "killer-dillers" on the Camel Caravan, consists of: Goodman on the "agony pipe" (clarinet)—Gene Krupa on the "suitcase" (drums)—Teddy Wilson on the "moth box" (piano), and Lionel Hampton on the vibrophone.

BENNY'S "IN THE GROOVE!" Here's the "King of Swing"—Professor Benny Goodman—"kicking out." They "go to town" every Tuesday night. First on the double-feature Camel Caravan comes "Jack Oakie College." Then Benny Goodman's "Swing School." Time—9:30 pm to 10:30 pm E.S.T., over WABC-CBS.

"PUSHERS" getting in a few "licks" (short, original improvisations) on their "gobble-pipes" (saxophones). Benny Goodman and his Swing Band won the title of the most popular band in the country. You just haven't heard "SWING" until you hear Camel's Professor of Swing-ology—Benny Goodman—burn up the ether.

EVERY TUESDAY NIGHT Radio's big double-feature program, the Camel Caravan—60 fast minutes of fun, frolic, and fanfare. 9:30 pm E.S.T., 8:30 pm C.S.T., 7:30 pm M.S.T., 6:30 pm P.S.T.—WABC-CBS. "JACK OAKIE COLLEGE"—The big Camel Caravan leads off with Jack Oakie and his goafy collegians, broadcast direct from Hollywood. All-star cast includes funny-man "Stu" Erwin. Hear "Honest Jack" Oakie—"The Prez"—running a college. You'll never forget it! PEOPLE DO APPRECIATE THE COSTLIER TOBACCOS IN CAMELS THEY ARE THE LARGEST-SELLING CIGARETTE IN AMERICA Camel Caravan 2 GREAT SHOWS IN ONE HOUR

Distintegration?

Southwest sports authorities say the Border conference is rapidly disintegrating. Member schools are trying for admission in Pacific Coast and other leagues...



Miami Tennis

University of Arizona at Tucson will have a noted visitor March 29 in the University of Miami's varsity tennis squad. Barnstorming through the west the Florida team will play matches at Tucson.

Offensive Drills Mark Approach Of Basketball Road Trip

Cagers Work Toward Long Highway Trip

Eleven Squadmen Fight For Berths On First String Quintet

With an ambitious eye slanted toward a twelve day road trip beginning January 31, Coach Bert Huffman's cagers are spending long hours in Double T gym perfecting the finer points of their court game.

Special emphasis is being placed on offensive tactics of the Raiders, who this season have been noticeably weak in the scoring division. Invariably the Matadors have succeeded in getting their quota of shots at the basket—and invariably they have missed more than their quota; resulting in more losses than wins in the average columns.

Sasche To Play

Coach Huffman has eleven men of approximate equal caliber, and with only five available places on the first string the squad is having a merry battle in practice sessions. Huffman's original starting five, Tarbox, Henderson, Garrison, Morris, and Rex Williams, are being threatened with the improved playing of Sasche, who becomes eligible following mid-term examinations, G. L. Webb, the much improved Truman Neal, Woodrow Powell, 1935 squadman who is just back in to the swing of things after a year's absence from the court, Dudley Aldiken, footballer who is getting the "feel" of the rectangle, and Coleman Williams, willing first year squadman who is displaying more ability each day.

Scoring Leaders

Henderson and Garrison have been leading the locals in the scoring department the past few games and are still trying for better records around the basket. Guards, Morris and Rex Williams have consistently shown good form this year, and have yet to slack up in practice sessions. Williams has been troubled with a foot injury of some consequence until the past few days which have given the injured member a chance to heal and there is little possibility that slowing him down anymore for a while—barring, of course re-injury of the foot.

According to Huffman the squad has shown more general improvement the past week than ever before. Improving both defensive and offensive formations the Techsters are beginning to show a certain amount of "cage culture" in their sessions at Double T gym each afternoon.

With twelve hard days of traveling and basketballing on enemy courts ahead, the Matadors have the toughest assignment of the year ahead of them. Invading the cream of the Border conference courts the local quintet will have to be on its toes every minute of the time to make a good showing on the trip.

Invading the cream of the Border conference courts the local quintet will have to be on its toes every minute of the time to make a good showing on the trip.

Raiders Take Top Berth On Miners' 1938 Grid Card

EL PASO, Jan. 21.—Texas Tech's Red Raiders occupy an important place on the recently released 1938 football schedule of the Texas School of Mines here. Nine games have been carded for the Miners who have an open date—November 5—on the long winter schedule.

Opening against New Mexico Military Institute Oct. 1 in El Paso, the Miners take on Greeley State in Greeley, Colorado, Oct. 8, then University of New Mexico at El Paso Oct. 15 before clashing with the Matadors in Lubbock Oct. 22.

Following the Miner-Matador tilt the School of Mines gridiron squad tangles with Santa Barbara State in El Paso, Oct. 29; next Nov. 5; journey to Tucson for a game with University of Arizona on Nov. 12; play Arizona State and New Mexico A and M. on successive weekends at El Paso, and close the year's activity Dec. 3 in Fresno, California against the Fresno State Teachers.

Tech Theatre

PREVIEW SAT. NIGHT "Accused" Douglas Fairbanks, Jr. Dolores Del Rio SUN., MON., TUES. "Parnell" Myrna Loy Clark Gable

Signal Barker Babe Curfman Began Matador Grid Career At Wing Post

(Editor's note: This is the second of a series of eight feature articles dealing with the football careers of the Raider gridgers who have played their last game for the Scarlet and Black. All those who this year concluded their eligibility at Tech will be treated in subsequent issues of the Toreador.)

Four years ago an earnest youngster with a desire to play football under the expert tutelage of P. W. Cawthon came to Texas Tech.

Today Babe Curfman's anxious desire to play football has hardly diminished; he has fulfilled that hope of playing football under Cawthon, and in addition to these accomplishments has carved himself a niche in Tech's football hall of fame.

Gaining experience as an end on the Electra Bulldog team under Coach Gibson, Curfman was well prepared to hold down an end position on Cawthon's eleven—which he did quite well for three years.

Last Football Year

Babe's eligibility expired this past season, when incidentally, he served the Matador eleven from the quarterback slot. The winning of seven consecutive games after a rather poor start is proof aplenty of his ability to bark signals.

Three years on the varsity and one year on the fish team has moulded a deep admiration of Tech football coaches in Babe Curfman. He firmly believes that one of the college's greatest assets is the coaches.

Standing 5 feet and 11 inches

Curfman is a well-knit young man of 180 solid pounds. It is not hard to realize the difficulty opposing teams had in stopping him the past football season.

Asked what the toughest game of the 1937 season was, Curfman readily answered, "Duquesne." He seemed rather definite on the subject by adding "those boys knew the football ropes and how to pull them." The toughest game of his college career was the West Virginia contest in El Paso New Year's day and the biggest thrill of four years in a Red Raider uniform came when Curfman rammed over his touchdown in the never-to-be-forgotten Duquesne tilt.

Wants Coaching Job

Majoring in education, Curfman hopes someday to become a football coach of the first water. He is satisfied at one point—that Coach Cawthon and his assistant, Dutchy Smith, have given him the best possible background for his chosen profession.

Not content with serving the college for practically four years as a footballer, Curfman only last week announced his candidacy for the business managership of La Ventana for 1939.

Curfman's chief interests after the football season has come and gone consist of being a faithful supporter of other Tech sports. A familiar figure at Raider basketball games Curfman is as great a fan and follower of Texas Tech sports as the oldest graduate or most ardent Lubbock fan.

Though the field of athletic accomplishment is closed to Babe Curfman—the youngster who has given his talents to Tech football squads so faithfully—he will be around for another year, giving to Tech what he can, the best way he can.



Raymond "Babe" Curfman

Coed PE Students Get Field Hockey Equipment

A course in field hockey will be offered next semester for the first time, according to Miss Zella E. Riegel, assistant professor of physical education for women.

New equipment has been purchased for the course which will be offered for second year physical education students.

Fred Enke, varsity basketball coach at the University of Arizona, was a young civil engineer just out of college when coaching ensnared him for keeps.

Pics Prepare Big Medicine In Cage War

Slaton Oilers Will Appear Next On Freshman Roundball Chart

The mid-term moratorium in sporting events will be lifted early next month so far as Broadway Browning's ten invincibles of basketball are concerned, when they reopen a thus-far all-triumph season in a tangle with the powerful Slaton Oilers.

Tech's fish cagers are scaling the heights this year in more ways than one: There are ten tall-boys on the squad this year, all equally proficient in playing their part of the game; and, in the four cage encounters that have already taken place this season, the Pics have tallied high to reap brilliant wins in every case.

The fish were held to their lowest scoring record of the season last Saturday night when they battled the Rails high school quintet to a 36-15 beating. In the three previous games of the season, the Pics monopolized the maplewood by rocketing their end of the score to 50 points and better, and more than doubling the opponent's count.

There is real basketball material on the Pic squad and runners-up for outstanding performance on the hardwood are many. George Allen, from Stratford; Joe Rives, from Berger; and E. J. McKnight, Mexia, are top-notchers in the forward position. Playing the center position with much efficiency are two skyscraping rivals, R. L. Williams and Paul Reynolds, hailing from Gorman and Petersburg respectively.

Guarding the hoop for the fish are a steady crew. Troy Hunt, Carey high star last year, is closely hounded for valuable guard performance by Raymond Flusche, Electra lad, Prince Scott from Grapevine and Glenn Jones from Lubbock play the sentinel position skillfully, too.

Wayland Junior College and the Canyon frosh are scheduled to combat the Tech Pics next month.

Mat Mug-Massagers Drill Constantly For District Gloves Tourney Feb. 7

Henderson Leads Mesh Marksmen On Home Courts

Statistics gleaned from the scorebooks show John Henderson, Matador forward, and "Iggy" Morris Raider cage captain as leading scorers for the year in Double T gym.

Henderson, with 41 points holds a slight advantage over Morris in the tallying department who has accounted for 39 of the team's total points against three opponents in the home gym this season.

Opening against T. C. U. in a two game series, the Raiders left the home court for Oklahoma where they participated in the Oklahoma Invitation tournament. Detailed scoring accounts of the four games participated in at the tourney are not available. Returning to Tech gym the Raiders battled A. C. C. of Abilene twice, losing the first 32 to 22 and breaking even in the second with a 48-19 spurge.

Twelve members of the squad have tallied in home games—by both the free shot and field goal routes. Garrison with 30 points to his credit ranks in third place as a leading Matador basketeer. Tarbox, flashy forward, has made 18 points by swishing the basketball through the little iron hoop. His mates who have all scored include Bain, Coleman Williams, Rex Williams, Herschel Ramsey, G. L. Webb, Truman Neal, and Cloyd.

The Toreador will later publish a complete list of Raider scorers.

Four Raider Pugilists Roll On Unbeaten As State Meet Nears

Now that the city mug-maulers' meet is a bygone of the season, a half dozen victorious pugs in this area continue training for the second encounter that will pave the road toward the State Golden Gloves finals, which will be feted in Fort Worth, late in February. The last preliminary obstacle in the pugilistic path to the state finals is the district competition to be held in Lubbock, February 7.

Four of the six punching palookas to win in the city finals, held here Monday, were the battling henchmen of Texas Tech's ringmaster—Coach Milton Coffey. Rudy Russell, flyweight contender from Crowell, and junior engineer at Tech, took the judge's decision over Bennie Moore, Brownfield; while Tommy Coats, henna-headed featherweight fish from Seagraves, once more exhibited his brilliant mid-fingling ability to carry the decision over Wayne Penn, U. S. C. C. enrollee.

Welterweight Techster Buck Gregory, kayoed Clarence Little, LLorenzo puncher, in the third round of a conflict that at first belonged to the Lorenzo lad. Texas Tech's clowning middleweight contender from Colorado, Ed Morrison, made short work of Yeats Causey, battling bingo from Ballinger. Jack Lovin, Lubbock high lightweight, won a decision over Raider Pete Nachlinger, in a three-round go.

The most discussed mat massacre of the meet was doubtlessly the

heavyweight mix-up which featured Babe Ritchie, 1937's State Golden Gloves titlist from Lubbock, vs. Bob Bryant, 215-pound Matador mixer. It seems that Bryant was caught delightfully dabbling in dentistry, and at that opportune moment Ritchie released to the face of the Mat slugger an untrained appeeet trembler that replaced the Techster on the canvas for a ten-count, climaxing the heavy encounter in the first stanza.

And, next month the ring race will be renewed, only in stronger competitive circles. Borrowing a poet's vision, the situation of the above-named victors may be expressed thusly:

The combat deepens on, on, ye brave, Who rush to glory or the grave.

SOONER WRESTLERS GOOD

For the 1938 wrestling season Oklahoma A. and M. College has the best material in the nation. This is no idle boast as the Cowboy roster this year includes seven present or former national and international champions.

In addition to their titleholders, the Aggies have a host of ambitious sophomore candidates working out daily. Out of a squad of 40 boys, Head Coach E. C. Gallagher will have two lineups in the eight weights that would furnish a potent varsity for any college.



EVER TAKE HER OUT TO DINNER?

Try the Hungarian some night when you take the best girl-friend to eat.

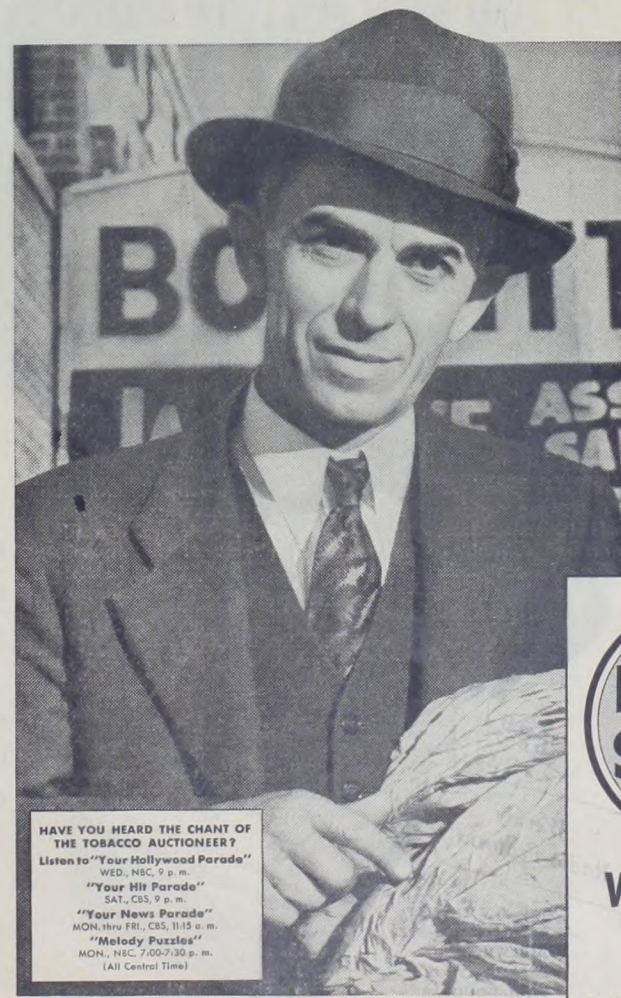
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Texas Tech College BOOKSTORE "On the Campus"

Annual Los Camaradas Dance To Close Season

Invitations Issued For Final Semi-Formal Of Fall Semester

BY RAYMOND LEE JOHNS
Associate Editor

As a termination celebration of final examinations, Los Camaradas club emerges from a bit of beard to fling its annual January, semi-formal, between-the-semesters dance, January 29, 9 to 12 o'clock in the Hilton hotel ballroom. Invitations have been issued to approximately 250 students and friends.

Decorative motif honors the birthday of President Roosevelt. His picture will hang above the orchestra pit. Flags and flowers will adorn the walls.

Club members include: Owen Lloyd, Raymond Richards, Lynn Hardgrave, Malcolm Stewart, R. C. Browning, Harry Buckley, Maton Jones, J. B. Ratliff, Douglas Blanton, Ralph Snyder, Winston McInnis, Merle Jones, Earl Miller, and Bill Miller.

Their dates are: Doris Jobe, Ann Buckley, Mary Beth Tomlinson, Ina Bacon, Gretchen Liser, Frances Real, Katrina Brewer, Katie Neal, Frances Tarlton, Pat Davis, Betty Lee Lindsey, Natalie Tandy, Mrs. Earl Miller, and Frances Turner.

Pledges are: Earle McDavid, David Butler, Jack Goodwin, Dale Buckner, Harold Huffman, James

Snyder, F. E. Thomas, Jack Blackwell, and John Burt.

Pledges dates are: Margaret Jane Higgins, Dorothy Duncan, Pat Sturgis, Hazel Ann Wilson, Nell McElroy, Jean Conrad, Mary Ann McGlasson, Maurine Winfrey, and Rebecca Butler.

Los Camaradas alumni and exes who will be at the dance are: Lloyd Lipscomb, Amarillo; John Vickers, Earl Dodd, Buster Moxley, Clem Clutter, O. B. Hought, Emil Onstott, and Lyle Hardgrave, Lubbock.

Engineering

(Continued from Page 1) surface is a metal slab with small grooves so that it can clutch the tennis ball just as a racket does in a tennis stroke.

Rests On Pivot

Two methods of changing the angle in which the batting surface sends the ball are provided on the machine. The machine proper is arranged on a pivot, and is held in place by a metal slide which is fastened to the under carriage. This slide allows the complete box to be tilted to the desired angle. The batting surface, the other method for regulating the trajectory or the angle from the horizontal, may be altered so that it is able to put almost any kind of spin on the tennis ball, Moore said. A similar machine has been pat-

Sallyport

(Continued from Page 1) that SALLY CAN GIVE, since PLENTY MORE WAS GAINED FROM ATTENDANCE at a SPECIAL ATTRACTION at a DOWNTOWN THEATRE this week.

DOWN ABILENE WAY a MALE CITIZEN named BURNET has been SMITTEN by the LOVE of a TECH ANGEL VAN HORNE. He wrote US a POEM about HER, which will be PRINTED later. SALLY of the HOUSE OF DAVID

Allie Hevia, ex-student, speaks at Spanish club meeting February 1.

ented and is sold by Tennis Machines, Inc., Moore explained, adding that he had only a picture of the machine from a magazine as a pattern for his robot.

This patented machine, he continued, sells for \$320, but the Tech tennis robot will cost only \$20. He hopes to have it ready for use by February 1.

Arbor Day

(Continued from Page 1) dock; women's dormitory; James G. Root, men's dormitory; James G. Root, tennis courts; J. H. Murdough, streets; W. L. Stangel, barns. J. H. Grimsley and R. Middleton have charge of transporting trees, water hose, stakes and tools. Advanced students in horticulture serve as foremen in the various areas.

Campus Landscaped

The entire campus has been landscaped for trees and shrubbery at the entrances and bordering drives, and for wind breaks around tennis courts and playing fields. Trees range in height from two and one-half to fifteen feet.

Jonnie McCrery and Calvin Hazlewood have charge of a refreshment chuck wagon which will serve coffee and doughnuts. Howell says the only requirement for refreshments is "to have a dirty face."

With careful planting and cultivation, ground officials expect few trees to die during the first year. Those that do die will be replaced in next year's Arbor day beautification program, Howell says, so that in not more than three or four years the campus will be practically transformed.

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To those Seniors who are finishing their work this semester and do not plan to be here in the Spring—We suggest that you place your orders immediately for your SENIOR INVITATIONS.

To all Candidates for Degrees in June and who will be in College during the Spring Semester—An announcement will be made about March first concerning orders.

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"On the Campus"

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It's the vogue this season! So we've taken the most exciting colors and desired leathers and designed this clever shoe in various heel heights.



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