OFFICIAL NOTICES

Classified

LOST—One Longines wrist watch between Ed's and College. Initials "J. M." on back. Reward. 425 No. 15.

LOST—Light brown leather jacket. Left in Academic Building. Lost Feb. 11. Howard H. King, 326 No. 11.

LOST—Four-month-old female, black Cocker Spaniel puppy, "Smokey." Reward. 4-8244. Jerry Oden.

-CLUBS-

PORT ARTHUR CLUB MEMBERS—Come by room 418, No. 7, and get your Valentine boxes from the Mothers Club THE CAMPUS STUDY CLUB will meet

ABILENE CLUB meeting Wednesday ight in 209 Academic Building. All boys rom Abilene and Taylor County invited. here will be election of officers for the ew semester.

FISH AND GAME CLUB—There will be a meeting of the Fish and Game Club Wednesday night at 7:00 in room 115 of the A. & I, building. We urge all Fish and Game majors to be present. Visitors are welcome.

Meetings

BRAZORIA COUNTY BOYS—There will be a meeting of all boys from Brazoria County in room 212 Academic Building on Wednesday, Feb. 17, at 7 p.m. Im-portant business will be transacted. Please bring yourself and be there on time so we can be through by call to quar-ters

Announcements

BRAZORIA COUNTY BOYS—There will e a meeting of all boys from Brazoria county in Room 212 Academic Building n Wednesday night at 7 pm. Important usiness will be transacted. Bring your-



We have just received another large shipment of regulation caps ... slacks . . . shirts . . . shoes and field jacketsstop in and make your selection today.

Officers' O.D. Felt

Dress Caps ____ Khaki Rayon Poplin Dress Shirts Dark Gabardine All-\$11.50 Wool Shirts Dark Spun Rayon Dress Dark Elastique All-Wool Slacks (High Back)

All-Wool "Fish" \$10.95 Slacks ___

Reg. Feild Jackets 80% Wool Lining \$10.95 Nunn-Bush Shoes

\$10 to \$11 **Edgerton Shoes** \$6.50 to \$7.95

Fortune Shoes ____\$4.95

aldrop 8 (o

"Two Convenient Stores" College

Electronic Microscope Devised To Measure One Millionth of an Inch

Particles as small as one mil-|came impractical. lionth of an inch—one thousandth The new microscope has an overof the diameter of a human hair all height of 52 inches, and rea new electron microscope devel- by three feet. The cabinet inoped by Dr. Charles H. Bachman cludes a simple power supply, the and Dr. Simon Ramo of General mechanical vacuum pump, and an FOR QUICK SALE—Bedroom suite, half bed, chest of drawers, breakfast suite, studio couch and occasional chairs. Call studio couch and occasional chairs. Call 4-5319 after 5 o'clock. and operates on ordinary house for mounting on the front of the

atories and war plants to take ad- on castors for mobility, and weighs

LOST—Central wrist watch with blue cystal and name "Pete Pratt" scratched nearch Return to G-13 Walton.

P. Kelly.

Return to G-13 Walton.

P. Kelly.

largest institutions. Today, many sity, the main vacuum valve, focus easily operated machines."

the specimen inside a vacuum hand. THE COLLEGE CAMERA CLUB will neet in the Y.M.C.A. chapel Wednesday light, Feb. 17, at 7:00 at which time fifteers for the current semester will be lected. It is important that all old members be present and that they bring new nembers with them.

chamber and produces a visible picture on the fluorescent viewing screen. This image can then be photographed outside the tube, and, if desired, enlarged many microscopes. With the electron more and more time on the Link Trainer—ground-bound, stubby-nosed, short-winged, blind-flying "teacher."

Realizing that any war to be thousand times the original size microscope, the G-E scientists have of the specimen for a wall print seen smoke particles, only one known as an "Electronmicro- millionth of an inch in size, appear

unique features of the instrument head of the Stone Age. include the application of electro- Dr. Bachman and Dr. Ramo say static fields as the electronic len- there is hardly a field of science ses. These guide the paths of where the extra acute vision of electron waves through the instru- the electron is not of advantage. OF AUTOMOTIVE ENGIore will be a meeting of the light through ordinary optical mis orginary light through ordinary optical mi- engineering, agriculture, biology,

> scopes used magnetic fields for this purpose. It is claimed this elettrostatic principle can be developed far bestudy for the first time the struc- quering the Toads at Waco 50-41. are down. tures and hidden forces of atoms, The Frogs have only a Mathemati-

> visible particles of matter. However, William C. White, in way tie. harge of the G-E electronic labuseful to the solution of immediate idual score. Close on the heels of Trainer." war and post-war problems con- lanky the treetop sharp-shooter is ative simplicity and ease of opera- sharp-shooting Owl ace.

tion of the instrument will appeal.' In addition to the development that permits photographing the large image of the specimen directly from the fluorescent screen outside the vacuum, other features are the elimination of the need for water supply, and ease in inserting specimens.

In designing the new electron microscope, Dr. Bachman and Dr. Ramo sought a simplified instrument designed as a compact mobile unit that could be plugged into the regular 110-volt a-c house circuit. The problem was solved after three years of research. The machine is expected to expand the use of electron microscopy in laboratories now engaged in war work and medical research—and eventually to find wine usage in high schools and colleges.

Due to present priority requirements, the device will be available for use only in essential labcratories and war plants. It will not only enable scientists to look at greatly magnified physical ap- Wynne, Arkansas40 24 pearances, but also reveals the ac- Edwards, Baylor42 tual composition and structure of Tomlinson, SMU37 minute particles. They can also Huffman, A&M study impenetrable substances Overall, Texas ... such as war metals, clays, plas- Watkins, A&M35 12 tics and synthetic rubber by im- Carpenter, Ark.30 21

proved transparent replicas. The device uses the relatively small electron waves instead of light waves because their shorter length makes it possible to study much smaller objects than could 690-point season against their opbe achieved with visible light ponents' 424, with the Kinney, Dick, waves. Light travels in waves of Dowell combination credited with about 1-42,000th of an inch in 431 points, or seven more than the length, and objects must be at opposition made as a team. Dowleast half that long before they ell's slide ruler complex also recan be seen under the ordinary op- veals that the "trio's" game point keep their powder dry, and fire planting in 1943. A state organtical microscope. Prior to the average is slightly more than one when the opportunity presents itelectron microscope, when objects point per game higher than their self." to be viewed were smaller than opponents per game average. this, it was impossible to obtain | Coach Jack Gray refuses to com- been sufficient to win seven games ing next year promises an im-

-can be measured accurately with quires floor space of about two instrument for photographing re-Development of the new device production when this feature is makes it possible for small labor- desired. The cabinet is mounted LOST—A pair of rimless glasses at Hrdlicka's Saturday night. It is very important to owner that they be returned. Finder please notify Billy Owens, No. 17—118, P. O. Box 2189.

ment which is capable of producting images 10,000 times the size of the subject.

The G-E electron migrasson. vantage of this type of instru- 600 pounds. No special facilities

tic focusing to the beam of elec- chamber is mounted horizontally trons instead of electromagnetic the eye piece at one end being at eye level for an operator seated "This step may well be com- before the instrument. The elecpared," say the young scientists, tron chamber is supplied with referring to the new simplified voltage and is evacuated from the microscope, "with what was done end which extends into the cabiin the X-ray field years ago when net. All controls are at the oper- Randolph Flyers early machines were bulky, com- ator's fingertips. These include plicated, and installed only in the accelerating voltage, image intendoctors, dentists, and small clinics control, and the movement of the have their own small, compact, and specimen. In effect, the operator is seated at a desk with a drawer In the new G-E microscope the beneath so that materials and few weeks, Randolph Field fliers beam of electrons passes through notebooks are conveniently at

AGRONOMY SOCIETY MEETING Wednesday evening, Feb. 17, at 6:45 in room 312. Agricultural building to elect remaining officers. All agronomy majors are urged to be present.

According to General Electric. "stinger" looks like a flint arrow. According to General Electric, "stinger" looks like a flint arrow-

croscopes. Earlier electron micro- and medicine.

—LONGHORN— (Continued From Page 3)

yond its present use, and may al- Baylor Bears blackened the T. C. low future attainment in micro- U. chances of ever overcoming the the smallest known and still in- cal chance to win or even come near to throw the lead into a three-

Rice continued its terrific pace

Conference Standing				
Team	W	L	Pts.	OP.
Texas				
Rice				
Arkansas	5	3	316	311
r. c. u.	4	4	298	340
S. M. U				
A. & M.	.2	5	326	329
Baylor	2	7	367	349

Last Week's Results S. M. U. 51, A. & M. 39 Rice 50, Texas 39. Texas 45-48, Arkansas 31-35. Rice 53, S. M. U. 33. Baylor 50, T. C. U. 41.

This Week's Schedule Thursday: Baylor vs. Rice Houston.

Friday: A. & M. vs Arkansas at Fayetteville.

at Fayetteville.

Leading Scorers52 28 Closs, Rice

112 Hargis, Texas Sweet, Baylor34

—COMETS—

(Continued From Page 3)

sharp images, so that further mag- ment on the figures. "Since work- from strong conference teams, and provement over 1941 both in volnification at that wave length be- ing those navigation problems, I'm five from the Army.

Randolph--Heart of the Army Air Corps Positions Open



Devote More Time To Link Trainers

For years aviation men considered it drudgery, but for the past have been readjusting their schedules to get in more and more time

Realizing that any war to be the war-prisoner. hours and hours of instrument flying to pilot Uncle Sam's deadly bombers to distant military objectives, Aviation Cadets and instructors alike are clamoring for the opportunity to ground-fly these mechanical marvels.

Corps Training Center officers con- an hour at a time." sider the trainers, that they have the Air.'

Fortunately, where a few weeks ers to teach Air Corps fliers how to get to Axisland and back when sons are given. Dozens of sub-

One veteran flier summed up the physics, theology. rush for reservations with a typical statement:

oratory, says that "the magnify- by overpowering the cellar bound tor; soon, I might be flying a fort- for all the good you have done my rather to provide an instrument set a sizzling pace in the indivin the business, thanks to this Link the books you have secured so genthe business, thanks to this Link the books you have secured so genthe business, thanks to this Link the books you have secured so gen-

fronting the great majority of Hargis, another center from T. U. Trainer looks like a gadget you'd his morale, and to transfore the the first half, came after with 13 gifts, all of them between \$150 and workers in this field. It is believ- who lead the scorers for a short see along the boardwalk at Atlan- hard trials of captivity into a rich tallies. Tomlinson of the Ponies \$525, had come in by January 15th ed that to these workers, the rel- time but was dethroned by the tic City, but there the resemblance retreat of study, filled with work also had 13.

is—alone with his memoirs and his instruments.

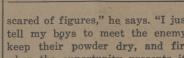
As he takes off, he checks his airspeed, rate of climb, banks and basic trainers on the flying line. paratus which keeps the ship on its 530,101 bales over the total of 2,-

Saturday: A. & M. vs Arkansas we just shoot them a little artifi- to a high yield than increased cial cross-wind and the next thing planting.

any physical risk to himself or to acre compared with 168 in 1941. valuable Air Corps training equip- On the other hand the Ameri-

81 Uncle Sam's birdmen.





World Student Service Fund Still Needs American Aid

plete despair, loss of hope, and a few will be filled abroad.

bread to a starving man. "With are proportionately greater. nothing to do I feel my mind | There are no age limits and no bution of \$7.00. Another notable slipping away", writes a former written examination will be given. contribution was from Andoverdon at Cambridge. "I find I can- Applications will be accepted un- Newton Theological Seminary of So important do Gulf Coast Air not concentrate for more than half til further notice, but qualified Massachusetts, which gave \$3.50

prepared plans to include six or books and study materials. 12,102 desired from persons already us- ita. more hours of blind flying instruc- parcels were sent to prisoners last ing their highest skills in war An interesting group of colleges tion in the basic flight course year, including over 23,373 books, work. War Manpower restrictions are those which have doubled, taught here at the "West Point of nearly 24,418 notebooks, and 14,- on Federal appointments are giv-"universities in captivity" have and second-class post offices. ago there were only three, today been organized. Classes are led there are thirty-seven more train- by former professors or graduate students. Exchange language les-

The wife of a French prisonerof-war writes: "I want to send "Right now, I'm a flight instruc- you my personal word of gratitude erously have been more useful: game on fouls. His team mate, total. To all outward appearances the they have enabled him to keep up Pete Watkins, who set the net afire A number of totally new college ends, for inside, there's a complete and contemplation. My husband Any record of this event should kansas State Teachers College, panel of instruments, just like you'd is now the official correspondent not be written without the men- Bowdoin, Indiana Central, Pacific find in a first-line fighting ship. of the European Student Relief tion of the sensational play that Lutheran, Trinity University (Tex-When the student climbs inside Committee in his camp, and he broke when Pete Watkins had a as), Union College (N.Y.) the Trainer, a metal hood is closed writes that the University is be- jump after tie ball. From Wat- Many individual gifts for student down over his head, and there he coming more important every day." kins the ball was tipped forward relief represent real sacrifice. One

— EXTENSION — (Continued From Page 1)

Just as important is the radio ap- December 1 showed an excess of from far out on the court. 143,224 bales ginned on the cor-"Every now and then we catch responding date in 1941. Cotton day so our fighting men can come to help their college go over the somebody 'cheating' - flying by not ginned at that time was es- home tomorrow. compass rather than by radio timated officially at about 600,000 beam," claims one of the training bales. But Jaynes believes that instructors. "When that happens, the big production was due more

Texas vs T. C. U. at Fort Worth. they know they're thirty or forty The Department reports the namiles off their course headin' for a tional average yield at 275 pounds mountain top. That usually keeps an acre, an all-time high. Although 'em on the 'beam' the next time." the Texas crop helped to make up His training flight over, the stu- that average it did not equal the dent lands with the added experi- maximum poundage. According ence of two or three hours of "un- to Jaynes, however, the showing der-the-hood" flying and without was good-about 193 pounds to the

can-Egyptian, or SXP, crop, grown Yes, for a gadget that got its chiefly in the irrigated district of start at the rural county fair, the El Paso County, was substantially Link Trainer is doing all right by increased. The Department reports that for the area, which also includes sections of Arizona and New Mexico, planting was about 60,000 acres larger with an estimated yield of 88,000 bales more than in 1941.

scared of figures," he says. "I just | During 1942 an organization was tell my boys to meet the enemy, formed to enlarge one variety the state and designated varieties Same strategy seems to have for each. Seed for normal plantume and germination.

For Economists In

statisticians for civilian war service in the Federal Government, recruiting is being intensified for ing wonderfully to the needs of sion announced today.

mation may be obtained at first year. mission at Washington, D. C.

The problem of the man in the ports in connection with the war lum College (Tenn.). prison camp is not that of the re- economic program, requirements The highest per capita giving fugee-food, clothing, shelter. It for procurement of war materials, has come from Smith College is the problem of infinite spare etc. Positions will be located where the average student contritime with nothing to do-of com- throughout the United States and bution is \$11 plus to the Smith

loss of belief in the future. That Requirements for the positions World Student Service Fund is \$3 is the problem with which the have been lowered. In general, per student. Other high records World Student Service Fund helps only 5 years of college or uni- are: Yale Divinity School, \$5.00 versity education or experience in per capita; Union Theological Sem-Many prisoners, particularly in economics or statistics, or a com- inary, \$4.15; Mt. Holyoke College the officers' camps, were students bination of the two, are necessary and Randolph-Macon Woman's Color professors when war broke out. for the \$2,600 grade. The minimum lege, each \$1.85. Oberlin College, Tothem the offer of books is like requirements for the higher grades \$1.20 per student to WSSF from

To such men as these have gone mediately. Applications are not which represented a \$5.25 per cap-117 pencils. With this stimulus, en in Form 3989, posted in first multiplied by fifteen or twenty

—BASKETBALL— (Continued From Page 3)

ticulture, dentistry, medicine, literature, astronomy, mathematics, but the Aggies were not to be de- colleges had sent in their contribunied of that ball game.

brought it 54-47.

to Cokinos who quickly batted the student in a Texas college works ball behind him into the hands of from 3 to 11 p.m. to earn her way Les Peden who dribbed half the through college. A tenth of this incourt for a crip that added two come she gives to her college's turn indicator, for if everything however, unfavorable weather de- points for the Aggies tallies. Also WSSF drive. At a theological semisn't according to Hoyle, he'll fall layed maturity and the Texas could be mentioned was the aclinary, students worked as orderinto a spin, as would one of the crop also suffered from leaf worm. curacy of Stringer and Martin who lies in a nearby hospital and in the Notwithstanding, ginnings on on many actions stripped the net town postoffice during Christmas



War Relief Fund Civilian War Effort Because of the urgent need for economists, economic analysts, and pressing the statisticians for civilians for civilians

these positions on a nation-wide their fellow students who are vicbasis, the Civil Service Commis- tims of war in all parts of the world," stated Dr. Homer P. The positions pay from \$2,600 Rainey, President of the University to \$6,500 a year plus overtime, of Texas. President Rainey is chairwhich increases salaries by about man of the World Student Service 21 per cent on the first \$2,900 for Fund, 8 West 40th Street, New 8 hours overtime a week, when the York City, which is the educational aggregate does not exceed \$5,000 a and fund raising organization for student war relief.

The greatest need is in the fields The record of a group of soof transportation, labor, commod- called "pace-setting colleges" is esities, and industrial studies. For pecially notable, according to Dr. economists marketing, internation- Rainey. Thirty-two leading colleges al trade, money and banking, and universities in all parts of the housing are also important fields. country are together raising a total Experience in other lines will also of \$54,000. These same colleges be utilized, and complete infor- gave a total of only \$24,700 last

and second-class post offices, or Small colleges as well as large from the U.S. Civil Service Com- universities are giving generously to the World Student Service Fund. Positions are both interesting Phillips University, Enid, Oklaand important to the war program. homa, has contributed \$500, more They include dealing with econom- than \$1.00 per student. This same ic and statistical problems arising per capita contribution has come from the reoccupation of areas from Greenbrier College (West Vironce held by the enemy, the sale of ginia), Mt. Hermon School (Mass.), U. S. securities, exports and im- Occidental College (Calif.), Tuscu-

Service Fund. The share for the

a Chest with a per capita contripersons are asked to apply im- per student to WSSF from a Chest

tripled, quadrupled or in some cases times their gift of last year.

One of the most striking facts in college giving this year is that only two or three institutions have given less than last year, whereas scopy enabling man to see and pace setting Longhorns by conthe lights are out and the shades jects are studied—philosophy, hortions by January 15th. The "active" Three minutes of play, the Ags list in World Student Service Fund were in front 52-44, and final gun files, namely those colleges from which some contribution is expect-Pacing the Cadets was that tall ed, is nearly 700. Of this number, ing power of the new G-E micro- Mustangs by a margin of 53-33. ress on a regular Yokohama run, husband and his comrades. My lanky center Jamie Dawson who 250 will be colleges which did not scope was not selected to attempt | Bill Tom Closs, long, lanky cen- and when that day comes, I intend | parcels have improved his daily tallied 19 points and with only contribute last year. One hundred an approach to this ultimate, but ter for the Rice Owls continued to to be the best doggone blind flier fare—and that was necessary—but half of a minute of playing time preparatory schools and 40 theolog-

from the following colleges: Ar-

in order to raise their quota. At a leading mid-western college, stu-Buy war bonds and stamps to- dents sold food from home in order

"With such a spirit dominating American students, it is clear that we shall not only win the war but that we are laying a solid foundation for winning the peace," said President Rainey. "Reaching the World Student Service Fund's goal of \$300,000 is one of the best ways I know to conserve and develop the trained leadership that will be so sorely needed in the post-war

Dr. N. B. McNutt

DENTIST Office in Parker Building Over Canady's Pharmacy Phone 2-1457 Bryan, Texas

Patronize Our Agent in Your Outfit



D. M. DANSBY, '37