

I ask you, were you ever em-I ask you, were you directly or on hand 190,807 tons compared with botage occurred in the Ruhr valley indirectly, to obtain material to 264,132. indirectly, to obtain matches with a sked. Balanow, who had previously testified he is a Jew, re-84,973 bales compared with 306,953 and on hand by the sked. Balanow, who had compared with 306,953 and on hand by the sked. The sked by mained silent.

Josephus Daniels, of

Balanow also was asked if it was a fact, while collecting Jewish ma-terial in the employ of C. C. Daniels uries resulted.

CAMPAIGN AT CAPITAL



leath. Paul Migakalanskis, a tailor, died not mean actual participation, be-cause she needs German iron and Mary Mohelser, four years old. Coal for her industries." Mary Mohelser, four years old. Iled from burns when her dress Santa Margharita treaty with Jugought fire from a stove. Mrs. Sarah Collier, 66, was burned ence of Fiume and placing Zara un-death when her bed caught fire der Italian sovereignty.

former secretary of navy and an ENFORECMENT OFFICERS operator of a New York detective agency, that he sold duplicate re-ports to Norman Hapgood, author of articles on "Jew Mania" that appeared recently in Heart's Interna tional magazine. The witness remained silent.

Balanow would not reply to questions relative to who alded obtain freedom after being errested in New York in November, 1920, for sending threatening let-ters through the mails. He said any answer he would make might neriminate him as the charge has idly all available detention space at not been prosecuted. Mr. Smith tried to show that Bal-

anow had caused the arrest of four ducted/ February 2, evidence was ousins, Abe, Ben, Charles and Ida as suspects in the Chicago federal building bomb case of witness denied the The charge and the relationship.



AUSTIN, Feb. 17.—Whether the voters of Texas again will have the opportunity of voting for or against a constitutional convention, is now for the senate to decide. The house the functional was held.

submitting the proposition at the general election next year and pro-

viding, in case of a favorable vote, for the holding of a special election the following March for the selecin Austin in May, 1925.

Neither house nor senate was in service by publication on the hus-session today, so no further action band, now in New York. Miss Haw-on the resolution can come before ley, who charged crueity, is in Europe.

Considerable interest is evidenced over the apparent deadlock of senover the apparent deadlock of sen-ate and house conference, commit-tees on the Pope text book bill. The measure is in danger of being killed, unless presiding officers of the two houses can appoint commi tees that will agree on the amendments attached to the bill in the senate.

WIND IS CALM BUT TEMPERATURE GOES DOWN TO 32 POINT

late yesterday adopted the Roun-tree-Quaid concurrent resolution,

several station houses.

WASHINGTON, Feb. 17 .--- Police and prohibition enforcement offi-cers today launched their second city-wide liquor clean-up since the

HAVE LAUNCHED SECOND

beginning of February. Armed with 50 warrants they being two loaded barges in the channel of the Rhine-Herne canal, a gan before noon a series of raids an before noon a series of the of main artery or water contacted which reached into every section of tion in the Ruhr. It will be several the capital and which filled up rapdays before the occuping forces can get the barges out of the way. Meanwhile the canal remains

As in the series of 60 raids conblocked. Another strike has given the revenue agents and poamong the miners of the Krupp pits at Bochum, 16,000 men going lice by J. L. Asher, revenue agent from Kentucky. Asher travelled out. They struck because the mine the rounds of the capital underofficials were arrested by the

wandering minstrel, playing his way into the hearts of his victims and obstructing the work of the slight French commission. on a violin.

MRS, ELIZABETH FAIN DIES AT GRAHAM ON THURSDAY GRAHAM, TEXAS, Feb. 17 -- Mrs.

sugar FRENCH TIGHTEN HOLD AS RESULT OF SHOOTING By Associated Press. GRAHAM, TEXAS, Feb. 17.-415. Elizabeth Fain, mother of Mrs. H. E. Griffin of this city, succumbed sequence of the shooting of two ESSEN, Feb. 17 .- The French hold

The windows of the hotel were

oldiers but the bomb thrower es-

oomb was thrown from the roof of

Considerable additional difficulty

in effecting transportation is being caused the French by the act of the

Germans, recently reported, in sink-

caped. It is thought possible the

neighboring building.

to pneumonia Thursday afternoon, after a brief illness. Mrs. Fain, who was 79 years of age, had been up the night and members of the lincrease being 192 per cent. fa out the night and members of the increase being 192 per cent; farm making her home for some time out the night and members of the increase being 19 with Dr. and Mrs. Griffin in this force were deprived of their weap- product soll in this matterials

martial for violating French orders. Havenstein, sentenced to three IN WANDA HAWLEY CA: 3

years imprisonment on charge of LOS ANGELES, Feb. 17 .- Court cutting off the supplies of gas and preliminaries to the trial of the electricity upon the arrival of the French in Oberhausen, contended that he, had carried out the indivorce action of Wanda Hawley, each senatorial district, to attend day when Judge Charles Crail of testified that it had been impossible

French orders which imposed upon him the task of furnishing motor transportation and fuel. He received

a two year jail sentence and was fined ten million marks. Buzzman was fined five million marks on charges of interfering with the supply of electricity in the Kalserhof notel, the French headquarters. Five hundred thousand children are to be sent out of the occupied

territory by the Brandenburg people's alliance. MAN UNDER ARREST IS

to mexico city **IDENTIFIED AS ROOMER** IN APARTMENT ROBBED

SAN FRANCISCO, Feb. 17 .--- Plans

The north wind that took the the Pacific coast to Mexico City der arrest in Albany as the alleged place of the south breeze of Fri- were discussed here by Julius Krutt- ringleader of the trio who on New showed little life Saturday schnitt, chairman of the board of Year's eve robbed Mrs. Irene Scho morning, but nevertheless the mer-southern Pacific railroad, in an in-elikopt of Buffalo of \$300,000 worth terview published by the San Fran- of jewels, today was identified by ellkopf of Buffalo of \$500,000 worth to the 32-degree point. During the cisco Examiner today. Mr. Krutt- his photograph as the occupant of internoon Friday the temperature schnitt has just returned from an in-the West 52nd street apartment. in rose to the 57-degree mark for the spection tour of the company's which the daring robbery occurred.

RAILROAD LINE

holdings in Mexico. Identification was made by Frank Partly clouded skies were report- "The way is being cleared," he Barrett Carman, actor and friend of d from practically all points on was quoted as saying, "to open a the Schoellkopfs, who was host at saturday morning, Local- road from Tueson, Ariz, along the a party which preceded the robbery. skies were overcast, but west coast of Mexico, and finally Local police said that the arrest liroads the. would serve to clear, up the robbery

WASHINGTON, Feb. 17.-While coast guard cutter Snohomish. She wholesale prices in the United was waiting this morning for the States reacted to some extent in 29 men marooned from the steam-ship Tuscan Prince when she went

January from the upward move- ashore after midnight Thursday on port made public today by the bu-reau of labor statistics, no change in the general price level is shown by the index numbers contracted on the state of labor statistics.

by the index numbers, covering 404 storm and struck the rock lying of commodities which again stands at Village Point, Vancouver island. ing off by the index numbers, covering 404 The Suchamish Thursday night 156, as it did in November and De-cember. Comparing prices in January are of the steamer Nika, which burned to the steamer Nika, which

Comber. Comber. The decrease in whole-sale prices of farm products as a whole was slightly more than two per cent. Substitute the rocks there carly thus-dary products, flour, fruits and meaday on Albert Head, near Yion dary products, flour, fruits and meaday on Albert Head, near Yion and no exas substitute and no exas and no exas and no exas and and ander and no exas and no bas risen 13 per cent. dairy products, flour, fruits and nesday on Albert Head, near

of the 404 articles on which com- nadian salvage ship Algerine. parable data for December and Jan-

uary were collected, price increases UNABLE TO DEVELOP

were shown in 156 instances, decreases in 103 instances, and no change in 145 instances. Building materials show the **CLUE TO KIDNAPING** the eent; fuel and

city. A special train was ordered ons. The chief of police is under lighting materials 112 per cent clothing 111 per cent.

PRESIDENT IRELAND ISSUES ULTIMATUM **ON PEACE QUESTION**

> DUBLIN, Feb. 17-President Cosgrave today issued a "last word" statement on the peace question in which he said that the governfrom Camden station. ment is "determined to put down

this revolt against democracy regardless of the cost." "Let no man be deceived," the statement says. "If any one con-

tinues in this unfatural war upon his own people after the expiration of the stated period of amnesty, he

back upon this.

understood that there will be no able to agree with the senate con-meeting for negotiations on the part of the government with De a report, however, another meeting

by the free state government on Febrary 8, as a result of Liam Deasy's peace appeal, will expire tomorrow.) President Cosgrave's statement shared public interest with the truce proposal of the Irish re-publican army. This organization suggests that the free state govern hostilities for one month, during which time the neutrals would put forth peace proposals. The sug-forth peac be clouds were not as heavy as into the capital." The clouds were not as heavy as into the capital." The executive added that the new and that the prisoner's two compan-Lower temperatures were record-Lower temperatures were record-tice through Tucson and open trade of the 'committee favoring sible successors to covernor here have been Maj. Gen. Clarence R bearers are T. A. Upshaw, George which time the news would put the compromise amendment are have been Maj. Gen. Clarence R bearers are T. A. Upshaw, George which time the news would put the compromise amendment are have been Maj. Gen. Clarence R bearers are T. A. Upshaw, George which time the news would put the compromise amendment are have been Maj. Gen. Clarence R bearers are T. A. Upshaw, George which time the news would put the compromise amendment are have been Maj. Gen. Clarence R bearers are T. A. Upshaw, George which time the news in the sug-clarence R bearers are T. A. Upshaw, George which time the news in the sug-sentors Darwin and Holbrook and tives Towner of Iowa and Campbell Pratt. Joe Andrews and W. P. Me-penested renty by February 23, and Green. Prove Creer, Loftin of Kanzas.

Officers said they had learned nothing to indicate anybody held a of exposure. grudge against the engineer.



eattle are attributed to a recordbreaking storm that raged from arclay WASHINGTON, Feb. 17.—The ad-sew of ministration shipping bill again adult men. Four men collapsed which held privileged status in the senate while shoveling snow or walking. street car in an exhausted condi which now goes to conference. The tion from trudging several blocks shipping measure was restored to and one was suffocated by smoke

toria, B. C., were saved by the Ca-nadian salvage ship Algerine. Senator Jones, republican (Wash.). who has it in charge, after a move RECOVERING AFTER NAP for adjournment by Senator Robin. son, democrat (Ark.), had been de-feated 38 to 30. This move was not This move was no CHICAGO, Feb. 17 .- Joseph J. regarded as a test of strangth on Wright, said by physicians to have the bill, since a number of senators were absent. The shipping bill lost een asleep for 48 days today was reported to be recovering, although its status as the senate's unfinished still unconscious. Dr. A. J. Parker. try tangle giving the debt funding meningitis, said he expected Wright easure right of way.

AT NOTRE DAME The debt bill was passed last bays. Inight by a vote of 70 to 13. Little Wright's physician said he was difficulty is expected in conference. the senate action being regarded as the senate action being regarded as the senate action being regarded as

and stipulates that not more than STAMFORD, TEXAS. Feb. four may be members of one polit-ical party. This, in effect, will will Mrs. Ida Eva Brewington, wife of lical party. This, in effect, will also be president of the place three democrats on the com-Inission, which at present includes Stamford Brick Works, and past

TO ACCEPT RESIGNATION OF GOV. E. MONT REILY

WASHINGTON; Feb. 17. - Presi-her husband and six children.' Two Styler, Murray A. Pennock and dent Harding had before him today boys, Lieutenant Carl Brewington, William K. Peck, circus attaches, (The amnesty period proclaimed and two senate conferers favor a governor of Porto Rico, an office Rice and Stamford; four girls, Mr. She alleged the defendants op the free state government on compromise amendment. Senator of Porto Rico, an office Rice and Miss Reaverly Revenue Ash posed her marriage to Stonehoume

MANUFACTURER AND SON LEAVE to serve term

blocks QUINCY, 1LL, Feb. 17 .- Fred smoke Wolf, Sr., left today for Leaves-Wed-its position as the unfinished busi-while trying to thaw out a frozen worth penitentiary and his som. Vic-ness of the senate on motion of pipe. day for the same destination after a fruitless attempt to secure dem-OF FORTY EIGHT DAYS oncy from President Harding. The father was president and his som secretary of the Wolf Manufacturing company, which held large war Both were convicted of ontracts. conspiring to defraud the government-

President Harding refus to come out of his sleep within ten part of the sentence had consider the case until at least a The elder Wolf was fined \$10,000 and given one year and one mouth day and the son was fined \$3,000

The company held contracts aggregating several millions of dollars to furnish saddles, halters, scabbards and other equipment for the army. They were charged with shipping goods rejected by govern-ment inspectors, this being done by cutting out the portions bearing the rejected stamp and replacing it with another stamp, a counterfait of the inspector's stamp of accep-

FUNERAL SATURDAY AFFECTIONS AL G. BARNES ARE VALUED AT \$100,000

LOS ANGELES. Feb. 17 .- The af-COPE TEXT BOOK BILL IS UNABLE TO AGREE IS UNABLE TO AGREE IS TIN. TEXAS, Feb. 17.—The Conference committee to add Commission, which at present includes Stamford Brick Works, and past stamford at 4 p. m. Friday after a lingering illness. The Brawington of the treative of the stamport by his second wife, Sarah Jane The Brewingtons are among the Hartigan Stonehouse, against seven

earliest settlers and prominent citi- persons whom she accused of alienens of Stamford and have always ating his love. The defendants are Albert T.

taken a very active part in church, civic and cocial affairs of the com-munity. munity. Mrs. Brewington is survived by her husband's attorney; Harley

and tried to induce him to leave

Stonehouse filed suit for divort A Bister, Mrs. Walton, of at Las Vegas, Nev., more than the

DIES AT HOME IN FRANCE

PARIS, Feb. 17.-Madame Rene Vivlapi, wife of former Premier Viviani, died last night after illness of only a few hours. D came to her in her home near



Valera, Liam Lynch or an of their of the committee will be held Moncolleagues in destruction, male or day.

house and senate on the Pope text

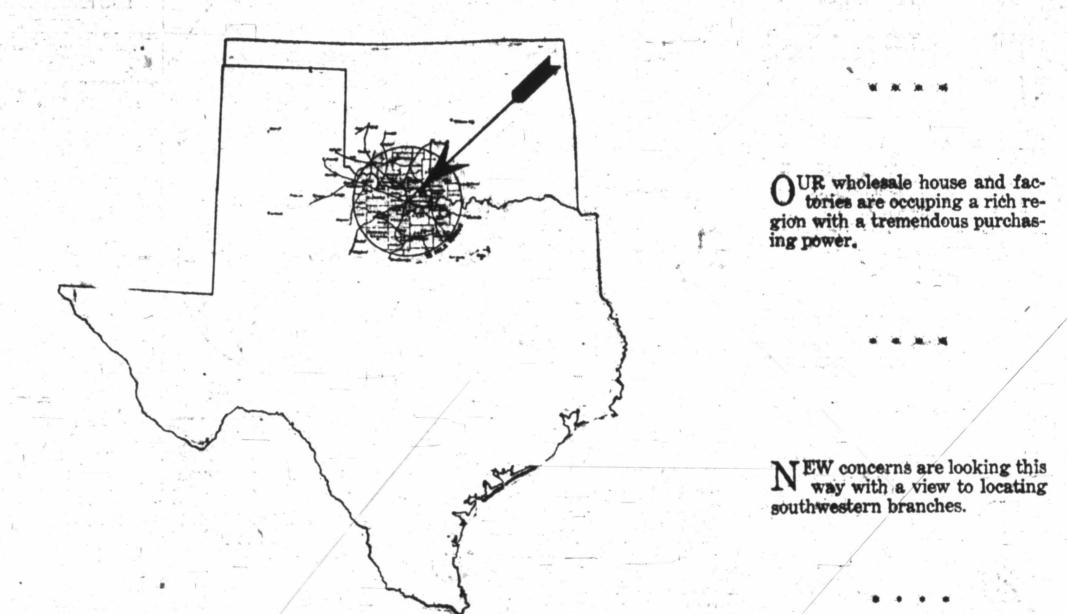
must be prepared to pay the price house conference committee to, ad-in full for there will be no going just the difference, between the **PRESIDENT IS EXPECTED** "Furthermore, it must be clearly book commission bill has been unCHITA DAILY TIMES, SATURDAY, FEERUARY 17, 1923.

Where Texas and Oklahoma Meet

Wichita Falls the Distributing Center of the Red River Region

I NCREASED transportation cost has made it necessary to distribute merchandise from a greater number of localized centers.

THERE IS a vast region of Texas and Oklahoma which can be served better from Wichita Falls than from any other city.



TRADE TERRITORY

WICHITA FALLS is the distributing center for Northwest Texas and Southern Oklahoma. It is the commercial capital of a rich region of half a million purchasers. Goods concentrated in this city can be shipped out to points in the trade territory at a great saving of expense and time due to the excellent railroad facilities offered here.

Wichita Falls is the center of diversified resources. Oil, farming, livestock raising and manufacturing are the chief factors of its growth.

The six railroads radiating from Wichita Falls offer excellent shipping facilities and have made this city the logical distributing center for manufacturers and jobb ers. During 1921 an important railroad extension to the south was built, giving Wichita Falls access to the rich oil fields of Stephens county.

Construction is now under way on a new railroad extension from Byers, Texas, to Waurika, Oklahoma, which will connect Wichita Falls with the Rock Island system providing a direct rail outlet to the North and East. This line will be opened for service with a few weeks.

We the Undersigned, Want to See Wichita Falls Become, Not Only a Big City, But a Good City

REESE S. ALLEN

AUTO TIRE CO. OF WEST TEXAS, INC., Federal Tires-Vesta Batteries

BLAIR & MAUPIN CO. Wholesale Grocers

BOARDMAN OIL CO. Wholesale Gasoline and Motor Oils.

BERT BEAN COFFEE CO., "Is Your Coffee Company."

J. S. BRIDWELL

W. E. CALLAHAN CON-STRUCTION CO.

CARROLL-BROUGH-ROBINSON-GATES Wholesale Grocers.

W. D. CLINE

N. B. CHENAULT

W. I. CAMERON CAFETEBLA "The Home of Good Cooking" COCO COLA BOTTLING CO. CITY NATIONAL BANK

"Accomodations granted consistent with sound banking."

DIXON MOTOR CO. Buick Automobiles.

EMPRESS THEATRE "Home of First National Pictures."

EVANGELINE PETROLEUM. COMPANY

W. A. FREEAR FURNITURE COMPANY "We Furnish the Office and the Home."

W. J. GRISHAM

GRISWOLD OIL CORP.

GOODNER WHOLESALE GROCER CO. "The House of Service." E. S. GOOCH HENRY HOBBS R. O. HARVEY Cotton and Oil HEYDRICK MAPPING CO. L. P. HAMMOND Oil Producer and Contractor. INTERSTATE GASOLINE CO.

J. A. KEMP KEIM MOTOR COMPANY Studebaker Sales and Service

FRANK KELL

KEMP HOTEL, "HUCKINS" The House of Almost Perfect Service. LANGFORD MOTOR SUPPLY COMPANY Lincoln, Ford, Fordson. J. L. McMAHON MUNICIPAL GAS CO. W. M. MOORE MARTIN PRINTING & STATIONERY CO. Everything for the Office. MAXSON COMPANY OLYMPIC THEATRE "Home of the Paramount Pictures." JOHN F. O'DONOHOE JNO. O'NEIL Oil Producer. POND'S LAUNDRY "Please-Particular-People"

R. W. RAMMING

PENICK-HUGHES COMPANY Hardware Jobbers. C. W. REID Loans and Investments. J. I. STALEY SECURITY NATIONAL BANK "Strength-Safety-Service" JEROME S. STONE Real Estate and Oil Operator. SUNSHINE STATE OIL & REFINING COMPANY G. G. Jensen, Pres. M. E. STEVENS Oil and Realty Investments STRAND THEATRE A Wichita Falls Institution STAMFLI BAKING COMPANY "Home Butter Nut Bread"

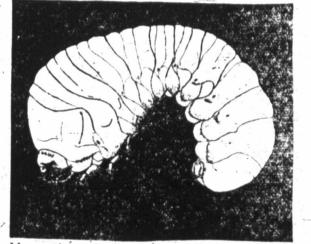
B. J. SHAW

STATON & STATON Real Estate, Farm Loans and Leases. SISTERS OF ST. MARY Academy of Mary Immaculate TEXHOMA OIL & REFG. CO. R. M. WAGGONER WICHITA FALLS MOTOR CO. WICHITA STATE BANK & TRUST CO. Guaranty Fund Bank. G. C. WOOD WICHITA MILL & ELEVATOR CO. SAVE IT WITH ICE Wichita los Company. WICHIT'A PRODUCE CO. Wholesale Dealers Produce and Grocers' Sundries.

WICHITA FALLS ELECTRIC COMPANY

(SECOND OF A SERIES OF ADVERTISEMENTS OF THE VARIED RESOURCES OF WICHITA FALLS)

"NO ANSWER!" Blame it on the "Hello Bug"



Here is the grub of the "Hello Bug"

One Tiny Insect, Known as the "Short-Circuit Beetle," Gnawing **Through Cable Insulation, Can** -and Does-Put Hundreds of Telephones Out of **Commission at Once**

> A mature "Hello Bug" all ready to start on his profanity-inducing career

on a pulley or sliding seat. The mend- Corsicana and Fort Worth, in Texas, ing is done by cutting away the perfor- During the next year telephone comated sheathing and putting on a new joint or "sleeve," or patching. "Dry holes" (where moisture has not soaked through) are merely soldered. Most of the damage is done from June to August, when the new-fledged beetles are emerging in large numbers from the dead tree trunks or other wood in which they were hatched. The mischief they do, however, does not become apparent until later, after the fall tains, when the water soaks in and causes short circuits. Thus all the line trouble due to the hello bug usually contes in a bunch. Study of the life history of the species by Government experts has shown that the mature female "short-circuit beetle" excavates a gallery or burrow in solid wood, and therein lays her eggs, which hatch in three weeks' time. The young grubs mine for nine months in the wood. which affords them subsistence. Then, after passing through the pupa stage, for fifteen or twenty fect. In the case . they transform into beetles, eat their way out and emerge. Mating being accomplished, the female bectles start new burrows, and so the life cycle is complete. The wood is completely riddled by the burrows of the beetles and the mines of the grubs. When they are through with a log nothing remains but the bark and enough fiber to hold the borings together. All the rest is holes, the winding mines being closely packed with meal-like dust.

She is eager and anxious to make the call, but, poor thing. she can't hear a word, scowl ' and sharpen her ears as she will

n Central and Southern California practically every fallen oak in the forests shows extensive work by the insect. Dead or dying cluss in the parks or along highways are found to be similarly infested. Oak wood stored for fuel is riddled. The first report of injury to telephone cables by the "hello bug" was from Cali-

fornia, in the fall of 1903. In August, chief, a lineman travels along the cable 1904, similar damage was reported from panies in the South Atlantic and Gulf





What he's thinking, translated into words, would stir a mule to action, but the husy business man has clenched his teeth on some hot conversation because his phone will not work. The trouble is all caused by an insect less than an inch long with an insatiable appetite for lead

SUPPOSE that your telephone should suddenly cease to work, and that. in response to inquiry, you were informed that it was "bug trouble." That would puzzle you, would it not?

But suppose that fifty subscribers, or perhaps several hundred of them, all on the same telephone circuit with yourself, were to find their instruments put out of business simultaneously and owing to the same cause-there would be a considerable howl; eh, what?

Yet this very thing might happen almost any day, for the "hello bug" is abroad in the land, and its species is widely distributed and hungry.

The "hello bug" is otherwise known as the "short-circuit beetle." It attacks cables, boring holes into them. Rainwater, finding its way through the holes into the canal that contains the wire, short-circuits the electric current. Such a cable commonly contains many wires, so that hundreds of telephones may thereby be put out of commission.

A single hole bored by one beetle may accomplish that much mischief. But sometimes many holes are bored in a single span-meaning a 100-foot length



A section of lead in ilation encasing conduit wires which has been turneled by the "Hello Bug"

recent instance the number of holes against the admission of rainwater. If counted in a span was 106.

The matter is so serious that telephone companies have appealed to the Government Eureau of Entomology for help. They have been puzzled to know what to do, for it is not practicable to go over the cables constantly with magnifying glasses to locate bug holes; and to exterminate the beetles is out of the question, because they are not easily found, and there are too many of them. The insects live and breed in dead tree trunks and cordwood.

Why, then, do they attack telephone find the exact place and repair the miscables? The outer sheathing of the latter is lead, which is neither nutritious nor digestible. To bore into it seems to be just a fad of theirs.

The "hello bug" is a beetle less than half the size of an everyday "ladybug." It seems to have a special appetite for lead. It bores through lead rain-gutters. lead piping for water and gas, lead lining of tanks and cisterns, sheet-lead protection of bechives, and even lead crucibles.

Complaint is made of damage it does to telephone fuses, the purpose of which is to protect the apparatus from high-voltage currents. The wire or tape used in these fuses is lead hardened with a small percentage of tin or antimony. By eating through the lead the bug makes replacement of the fuse necessary.

The holes it makes are perfectly round and one-tenth of an inch in diameter. When it bores into telephone cables the hole is always on the lower side, close to where the suspending ring of "marline hanger" supports the cable. The borings are made at points where the rings come into contact with the cable, because the beetle must have a foothold from which to attack. This it obtains by bracing itself against the ring.

The object of the lead sheathing is

the second second processing and the second s

Measuring Star Heat

A zona, W. W. Coblentz and C. O. Lampland have made a number of measurements of the ratio of reflected energy to the energy re-radiated after being absorbed. This latter energy is of much longer wave-length than the former and is entirely absorbed by placing as thin cell of water in the path of the light from the planet. The measurements were made by means' of a delicate thermocouple capable of detecting the heat from a tallow candle at a distance of many miles. The ratio of the measurements made with and without the water cell is called the water cell fransmisston and denotes the ratio of the reflected energy to the whole.

a hole be suitably located, and much

water enter it, the cable may be ruined

of a slack cable, or one running on a

grade, water may penetrate the insula-

tion for a long distance. That necessi-

tates cutting out the cable, splicing and

insulating the wires, and resheathing at

is approximately located from the tele-

phone office by means of the apparatus

called a "Wheatstone bridge." Then, to

When bug trouble is reported, the leak

a cost of much skilled labor.

"The discussion of these observations may give some indications of the actual surface temperatures of the planets, but the number of corrections to be applied to the original energy between the time it leaves the planet and energizes the thermocouple is stupendous," says Dr. Denald H. Menzel, of the University of Princeton Observatory.

"We know that the Martian equator hears no snow at noon, so if the temperof cable between two poles-and in one protection against weather-particularly ature is actually raised to zero, centi-

States complained of trouble from this cause. In 1910 telephone fuses in Baltimore were attacked by the big. Since then there have been many other

complaints' from various parts of the country. In Southern California, which is one of the principal centers of the bug's activities, damage done by it is accountable for at least one-fifth of all telephone cable troubles. The districts affected are along the coast from San Diego to some distance north of San Francisco, with scattering cases of the mischief as far cast as Sacramento and Marysville.

The Government entomologists in their study of the problem made a great many experiments. To find out what, if anything, would stop the boring of the beetles, they took sections of infested logs and covered them with various materials. Thus it was ascertained that when sheet lead was wrapped tightly around a piece of eak log, overlapped and nailed, many of the emerging bugs had apparently no great difficulty in gnawing their way out through two thicknesses of it-a total of one-eighth of an inch.

Sections of infested logs were covered with arsenate of lead paste, with tarred building paper, with black iron enamel, with white porcelain enamel, and other hard substances, but the newfledged beetles came through. Trial was made of pine tar and sealing wax, turpentine and rosin, and several mineral" paints. None of these prevented the bugs from accomplishing their normal emergence from the wood.

It was at length found, however, that when the log-sections were wrapped with thin sheets of copper or zinc, the beetles could not bore their way out.

In the course of the experiments two large cages of wire screening were built, and some hundreds of the little beetles were placed inside of them. Telephone cables were suspended in the cages, some of them charged with 60-cycle lighting current, and others uncharged. It was thought that conceivably the current passing through a cable might create a magnetic field attractive to the insects: These trials were wholly inconclusive. the bugs showing no inclination to attack the cables. Sections of logs and of "dead" cable were painted with rings of red, yellow and green, to see if any color attracted or repelled the beetles. They were placed in the cages, wherein the insects were flying freely about, but certainly did not invite the insects, which left them untouched.

It seemed quite possible that normal service conditions along the telephone lines might involve some element not reproduced in the scage experiments. Accordingly-this work was done in South- Tenth street.

each containing a large number of beetles, were fastened around the service cables of the telephone company and left for a while. Several thousand of the insects were used in these trials, the cages being attached where they inclosed supporting rings, so as to give the bugs every invitation to go to work. In many instances they did attack the cables; but, on the whole, no data of special value were obtained.

Copper and xinc even in very thin sheets, are beetle-proof. If no other fact had been ascertained, this discovery might be considered to repay the trouble and expense of the investigation. In some way the problem has got to be solved, for one hole may put sixty or 600 telephones out of use for a period of one to ten days, to say nothing of the expense of repairs.

But the question still remains-why does the beetle gnaw holes in telephone cables? Why should it eat lead, which it cannot digest.

In a word, what is it that has made the "hello bug" go crazy?

Gems of New York

MORE digging has been done on Man-hattan Island than in any other area of equal size in the world. All parts of it were very hilly a century or more ago, whereas today the city of New York is smooth and flat, except in Central Park and the far northern portion. The hills have been dug away and removed.

Incidental to the digging, many interesting deposits of minerals have been brought to light, including pockets and veins of gem-stones. Thus during the progress of improvements along Fourth avenue in the early 70s, tourmalines of great beauty were found.

At Sixty-fifth street and the Boulevard were found valuable deposits of garnets; and the Kingbridge limestone has yielded "nests" of exquisite crystals of smoky quartz.

Chrysoberyls have been turned up in numbers in the course of excavating operations for subways; and from Lenox avenue and One Hundred and Nineteenth street for several blocks east and north there are pockets of garnet crystals sufficiently large and transparent to be of precious quality. In a Fifth avenue jewelry store some years ago was exhibited a single crystal of garnet weighing more than nine pounds, which had been dug on Manhattan Island.

Geologists say that there is a reason to believe that important deposits of precious stones of various kinds will eventually be discovered on the west side of the city, north of One Hundred and

Lo Ala Calanda

A T LOWELL OBSERVATORY in Ari- grade, the temperature of melting snow, we would expect it to be sixty or more degrees below zero during the night. It appears that the atmosphere does little shielding and is much less than that of the earth or Venus. It looks as though the maximum temperature of

Mars is not much above freezing. "For Venus, the observations indicate that the temperature is greater than that of the earth, perhaps by twenty degrees. The moon's temperature appears to range from boiling water to perhaps as low as one or two hundred degrees below zero, according as it is

illuminated by the sun or exposed to

and Saturn, it is very definite that they

radiate some heat of their own. If

they were warmed only by the heat of

the sun they would be 160 degrees to

190' degrees below zero centigrade. The

temperatures obtained for these planets

are probably fairly accurate and we

have, for Jupiter, obtained something less

than ninety below zero centigrade, while

Saturn is hotter by some twenty de-

grees, a result not unreasonable, for

Saturn is much less dense."

"For the two larger planets, Jupiter

cold empty space.











CHICAGO CUBS OFF FOR TRAINING CAMP

METHODISTS PLANNING

be conducted by Rev. Luther E. Todi of St. Louis, will be held at the First M. E. church, south, next On the following Sunday morning, tion and a solo, "Nearer, Still

FIRST TO LEANT
Of the Louis, will be held at the First M. E. church, south, next month, closing Easter Sunday, it is announced by the church, which announced by the church, which announced by the church, which announces also the activities for next week, as follows:
CHICAGO, ILL., Feb. 17.—First began flickering out in the hot stove league today with the depart, week (as follows:
At the First Methodist Episcopal church, while many reveating in the water as the state prime of the Chicago Nationals for their spring training camp—the is the various departments meeting in the water auditorium for the closing exercises. It is hoped that the various departments meeting in the main auditorium for the closing exercises. It is hoped that close done by Rev. Luther E. The pastor in Southern Methodism. Angeles.
Angeles.
Mantime, other major leagues in the wating off bas bags
Martime off to be main off to be main off to be pack to or monother series. Which announces allow during this sector in Southern Methodism. Angeles.
Martime off to be as to gap and during this sector in Southern Methodism.
Martime off to be as to gap and the week as to do and recount its of the mathore off to be main sector. The cl

Seguin. Texas, a week from Mon-day, while the St. Louis Browns will get away for Mobile, Ala. on the same day. The Cardinals of St. Demogration for their camp at Bradentown, Fla., February 26. Tris Boeaker, manager of the Cleveland Indians, has ordered his players to Some of the Indians, however, al-report at Lakewood, Fla.. March 1. Some of the Indians, however, al-report at Lakewood, Fla.. March 1. Some of the Indians, however, al-report at Lakewood, Fla.. March 1. Some of the Indians, however, al-report at Lakewood, Fla.. March 1. Some of the Indians, however, al-report at Lakewood, Fla.. March 1. Some of the Indians, however, al-report at Lakewood, Fla.. March 1. Some of the Indians, however, al-report at Lakewood, Fla.. March 1. Some of the Indians, however, al-report at Lakewood, Fla. March 1. Some of the Indians, however, al-report at Lakewood, Fla.. March 1. Some of the Indians, however, al-report at Lakewood, Fla. March 1. Some of the Indians, however, al-report at Lakewood, Fla. March 1. Some of the Indians, however, al-report at Lakewood, Fla. March 1. Some of the Indians, however, al-report at Lakewood, Fla. March 1. Some of the Indians, however, al-report at Lakewood, Fla. March 1. Some of the Indians, however, al-report at Lakewood, Fla. March 1. Some of the Indians, however, al-report at Lakewood, Fla. March 1. Some of the Indians, however, al-report at Lakewood, Fla. March 1. Some of the Indians, however, al-report at Lakewood, Fla. March 1. Some of the Indians, however, al-report at Lakewood, Fla. March 1. Some of the Indians, however, al-report at Lakewood, Fla. March 1. Some of the Indians, however, al-report at Lakewood, Fla. March 1. Some of the Indians, however, al-report at Lakewood, Fla. March 1. Some of the Indians, however, al-report at Lakewood fla. Morday, the various circles of the vited to this meeting. Some of the Indians however 1. So

NEW YORK, Feb. 17.—Ringsiders at last night's Madison Square Gar-den bout between Carl Tremaine, Johnny Curtin of Jersey City, awarded to Tremaine on a technical knockout in the sixth round, today were divided on the question of the four blow claimed by the Jorsey manual control of the church. Thursday at 3 p. m. the Wesley No. 6 with Mrs. T. A. Hicks, 1506 equipped refrigerator, being oper-ated at a saving of about 50 per ated at a saving of about 50 per and other perishables, he says, have been kept in the best condition for the best condition for the sixth round, today werds. Faith Optical Co.—adv. Supreme Quality House Paint will make your house look like a new home. The Decorators Co., 715 Ninth steet - Adv.

boxer. After five fast rounds Curtin claimed that Tremaine had landed bere for the coming season, home. The De SPECIAL MUSIC PLANNED AT sion in their rooms with Mrs. Geo. PRESBYTERIAN CHURCH SUN. Classer five minutes and thirty seconds of the Friday night, at the church. Mrs. sixth round had gone by. A physiian who examined the little Jersey cian who examined the little Jerses, reental under the use of the first state of the saw no evi-ite, reported that he saw no evi-dence of a foul blow. Referee Patsy Dalay night, the 24th, the usually good musical program for Haley gave the decision to Tremaine Southern Methodist University Sunday merning and evening. In -Adv.

GRIFFIN LOSES. SAN FRANCISCO, Feb. 17.-John-ny Farr took a decision over Dick Griffin of Fort Worth in a fourround featherweight boxing match

Radio Concerts

WEAP, Fort Worth Star Telegram-7:15 to 8 and 9:39 to 10:30

KSD, St. Louis Post-Dispatch-7

WHB, Kansas City Star, Kansas City-8 to 10 p. m., 400 meters. WOC, Palmer School of Chiropractics, Davenport, Iowa-7 p. m., musical number; 8 p. m., educational talks.

concert, 400 meters. KHJ. Los Angeles Times-10 to

WICHITA DAILY TIMES, SATURDAY, FEBRUARY 17, 1923.

A two weeks revival service, to a conducted by Bay Luber E. Todd

Arkansas.DALLAS.—Thirty-eight girls leaveTy Cobb plans to have his Detroitvited to this meeting.Ty Cobb plans to have his DetroitMonday, the various circles of thewoman's Missionary society willamount of glass used in the manu-
facture of automobiles. This causesSouthern Methodist University Fri-
day, February 16 on the ten day
will assemble March 3 for the dash
to Orlando. Ffa.TECHNECAL KNOCKOUT
IS AWARDED TREMAINEO. 3 with Mrs. C. M. Richardson,
1009 Monroe: No. 3 with Mrs. M. A. Hicks, 1500
Carrison, 2001 Huff; No. 4 with Mrs.Mr. Bradley called attention to
one of the newest things in the fur-
niture line, which is an electrically
No. 6 with Mrs. T. A. Hicks, 1506
Filmore.Mre. Roscoe Staton, 1600 Twelfth:
New YORK, Feb. 17.—RingsidersMith Mrs. T. A. Hicks, 1506
Filmore.Mre. Roscoe Staton, 1600 Twelfth:
New Yorks, Feb. 17.—RingsidersStaton from Get Free.

PRESBYTERIAN CHURCH SUN. Glasses fitted. Falth Optical Co

First Presbyterian church serv- - ddy Josephine Oberchain will appear in lees for Sunday announced as fol-window glass at Decorators Co-rectial under the auspices of the lows:

Mrs. Parker has arranged an un- Adv, usually good musical

Report Germany Mobilizing Reichswehr

THE FIRST TOUCH OF SPRING



leap, and Velantrie of the Border was in the middle of the floor, his gun in his hand and his blue eyes hannon's face was in the doorway! Two shots sounded as one-and Velantrie whirled, fired again, wild ly, and recovered---but Hannon's gun was on him, the hard dark eyes menacing him with instant death. "Well," said the cattleman evenly. 'what's this?

"The end." said Velantrie sharp as a shot, "for one of us." He put out a hand and caught a NOT

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CLEM J. C Holliday str Durland Gr 1487—Meets 2:00 in Lat Visitors wei EVONI MYRT

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PHONE

table near. "Shoot me," he said again in that rapid way, "as you did my father-you damned murderer! Take The Comet as you took-" But John Hannon's finger jerked before the word was done and once again the big gun spoke-spoke with the in-tent of death and silence for that rushing tongue. But fate and jus-tice seemed to favor Hunnewell's, for on that instant Val from behind caught har father's shoulder, just as she had caught the blond boy's, and swung him out of line. Her face stood where his had been a second before and filled Velantrie's vision

with its likeness to that other. Feature for feature and line for line it was the same! Woman-soft where the other was eagle-keen. its long eyes smiling where those were hard as flint-it was the same yet not the same! In that first strained look Velantrie knew why Val Hang non's face had puzzled him so long In awe and tragic wonder they stood for a second, staring tensely, these two who loved each other to the foundations of their souls. Then Velantrie, his face lige the death she had again averted, grouped blindly for a firmer hold on the table and swaved upon his feet. His blue eyes were pitcous, his lips drawn with the monsterous knowledge that was his.

Then that great goodness which was in his heart, which Val had dimly felt, and which made him friends among the children and the dogs, rose out of its depths of sin and bitterness and glorifled him, all unknowingly.

"I beg your-pardon," he said as if from a great distance, "gentignen -I was mistaken. This is-not²-my man.

Then he crumpled like abroken reed and went down in a heap. With a cry Val Hannon sprang in among the stirring men, snatched

his fallen head and raised it to her (Continued in Monday's Issue)

Supreme Quality House Paint will make your house look like a new home. The Decorators Co., 715 Ninth street .- Adv.

Dr. M. A. Beckman and Dr. Joe A. Seay have moved from 213 Morgan In the next second there was the to 514 American National Bank.-





Meantime, other major leagues in the west are dusting off bat bags and packing uniforms in prepara-tion for the busy campaign of rub-Chicago White Sox have arranged to leave for their spring campat day, while the St. Louis Browns will get away for Mobile. Ala. en ife.

EYES TI Lenses grow WANTEDtake care of less child. P. O, box 1:













