

PERSONAL AND SOCIAL

Rev. B. A. Boynton of Tucson will open a vacation Bible school at Sonoma school house Monday, July 18. Daily sessions from 9 a. m. to 12 m.; preaching every evening at 7:30. This school is free to all. Special music. Everybody cordially invited to attend.

Mr. and Mrs. Frank Blackledge and children of Tucson spent the holidays with Mr. and Mrs. R. C. Blabon and Mr. and Mrs. C. J. Trask.

Sheriff Brown and wife returned last Saturday from a several weeks' vacation with relatives in Los Angeles.

Mr. and Mrs. John Madsen and the former's brother, Roy, were Nogales business visitors Tuesday from their ranch near Amado.

Mrs. Roy Sorrella was a Nogales visitor Tuesday.

Mrs. E. D. Farley of Tucson, former manager of the Commercial hotel here, was among the visitors at the Rodeo last Monday.

Lee Farrell, son of County School Superintendent Mrs. Grace A. Farrell, and Miss Dorothy Reed of Fairbank, daughter of Mr. and Mrs. Robert Reed, were married July 4th by the Rev. Mr. Bell, pastor of the Baptist church, Nogales.

Arturo Valenzuela of Randsburg, Calif., a visiting relative here this week.

San Rafael Valley Notes

Mr. De La Ossa and mother of Lohiel were valley visitors Sunday.

N. Zelnun of Santa Cruz, Sonora, Mex., was in the valley this week.

A picnic was held July 4th at the McPherson ranch and a fine dinner was served, including ice cream. Included in the attendants were Ernest Best and mother, Bud Baldwin and wife, Richard Kundy and family, Mr. and Mrs. Clyde McPherson, Mr. Hendricks, Mr. Ray, Owen Dierking, and Pat and George McCarty.

Clyde Baldwin and wife were Nogales visitors Saturday.

Dave Jones of Parker Canyon was a Canille and San Rafael Valley visitor this week.

Precipitation Here to July 8 is 7.53

Since the summer rains began here the precipitation has been 3.83 inches. May precipitation was 2.28; June, 1.60, and July to date has been 2.28 inches. At this rate our yearly average of over 20 inches seems likely to be exceeded as the rains have just begun. July and August are the months when most of the year's rainfall comes.

High Wind Unroofs Ranch House

A high wind that passed over the San Rafael Valley last Tuesday unroofed the ranch house of Santiago Martinez, carrying it 300 feet from the building. Rain has fallen in the valley almost daily since June 28.

LEVINE TO RETURN TO AMERICA WITH FRENCH PILOT

Paris, July 7.—Charles Levine announced tonight that Maurice Drouhin, noted French aviator, had been selected to fly the Columbia to America, and had accepted. Levine will go as a passenger.

Clarence Chamberlin, Drouhin and Levine will fly to Croydon, England, tomorrow afternoon, so that Chamberlin can show Drouhin how to pilot the ship and enlighten him on certain of its peculiarities.

Delays Report of Son's Death 5 Mo.

Nogales, July 7.—Archibald Clark, 22-year-old American newspaperman, is reported to have been shot to death near Magdalena, Sonora. Five months after the shooting is said to have occurred, the mother of the young man arrived here Wednesday and reported the alleged shooting to American Consul H. C. A. Damm of Nogales, Sonora. She gave no reason why the death of her son had not been reported immediately after the incident in February.

American Consul Damm has begun an investigation, but is puzzled as to why the shooting was not reported at an earlier date.

Mr. and Mrs. H. M. Alexander and family of Cleveland, Ohio; Mrs. H. M. Gordon of Philadelphia and sons, John and Nicholas, and Mr. Edward Evans of Tucson are guests at Circle-Z guest ranch.

Mr. and Mrs. Munday Johnston and Mrs. Margaret Slets of Tucson were Sunday and Monday visitors at the San Rafael Valley ranch of Miss Grace Van Osdale. The party visited the Rodeo in Patagonia on Monday.

Many people from Tucson were week-end guests at the Circle-Z ranch, having come down for the Rodeo.

Mr. and Mrs. Fred Kolberg and party were Nogales visitors Tuesday.

Judge A. S. Henderson and E. E. Bethell were Nogales business visitors Tuesday.

Ed Page and Joe Beck of Tucson were week-end visitors of Harry B. Tinstman at the San Rafael Valley ranch of Miss Grace Van Osdale.

Otto Kinsley and daughter, Thelma, were Nogales visitors Tuesday.

Clyde McPherson of the San Rafael Valley was a Nogales business visitor Tuesday.

Pat McCarty of Canille was a Nogales visitor Tuesday.

A. M. Benjamin of Sonoma was in town on business Thursday.

ADVERTISE STATE IN SCENIC PHOTO CONTEST

Phoenix, July 7.—Once more Arizona vacationists are being urged to assist in advertising the state by entering their scenic views in the "See Arizona" scenic photo contest, which is conducted annually for the purpose of renewing the stocks of scenic pictures that are used throughout the year in Arizona articles in out-of-the-state magazines and papers as well as for work in Arizona.

This is the third season the photo contest has been conducted by chambers of commerce, and the Industrial Congress, and attractive prizes are offered by them for the four best pictures submitted. Cash prizes amounting to \$100 will be awarded this year, as in the two former contests, divided as follows: \$50 for first prize, \$25 for second, \$15 for the third best, and for the fourth, \$10. In addition to these prizes, the Phoenix chamber of commerce also contributes a beautiful trophy cup which goes to the person submitting the picture winning first prize.

To speed up returning of films and negatives to entrants, the rules this year provide that negatives will be retained only long enough for the chamber of commerce and Industrial Congress to have prints made for state advertising purposes, after which films will be returned to their owners at once. In former years, the films were kept the entire time that it took to judge the many pictures entered, and for this reason the change was made, enabling the contestants to be without the use of their films for just a few days rather than a period of months, as before.

Any Arizona resident, excepting, of course, professional photographers, is eligible to make entries in the contest. Snapshots taken during any part of 1927, up until the closing date of September 30, may be entered, and those who have not as yet taken their pictures will have an opportunity to do so while they are "Seeing Arizona First" this summer.

More Scotch Thrift
Two sweethearts from Aberdeen were rambling round when they came to a movie.

The young man ran his eye over the front of the building. It rested on a title in large letters—"The Woman Pays."

"Jean," he said, "I think we'll gang in here."

Bbe Ruth, in an income tax appeal case, disclosed that he had spent \$8000 in entertaining sports writers and press agents during 1924, in the hope of gaining favorable publicity.

Ray Marsden, arrested for stealing a sacred image from a church in Carey, O., confessed to robbing and burning 22 Catholic churches in Ohio and Kentucky.

OUR ARBITRARY ENGLISH LANGUAGE

(The following extract presents so wittily the variety of plurals that many readers will enjoy it, and it may afford an opportunity for the teacher to explain to his pupils some of these forms.)

We'll begin with box; the plural is boxes, but the plural of ox should be oxen not oxes.

One fowl is a goose, but two are called geese.

Yet the plural of mouse should never be meese.

You may find a lone mouse, or a white nest of mice.

But the plural of house is houses, not hices.

If the plural of man is always called men,

Why shouldn't the plural of pan be called pen?

cow in the plural may be called cows, or kine;

But a bow, if repeated, is never called bine;

And the plural of yow is sows, never vine.

If I speak of a foot and you show me two feet

And I give you a boot, would a pair be called beet?

If one is a tooth and a whole set are teeth,

Why shouldn't the plural of booth be called beeth?

If the singular's this, and the plural is those,

Should the plural of kiss ever be written keesse?

Then one may be that, and the two would be those,

Yet hat in the plural would never be hose.

And the plural of cat is sats, and not cose.

We speak of a brother, and also of brethren,

But though we say mother, we never say moethren.

Then the masculine pronouns are he, his and him,

But imagine the feminine, she, this and shim!

So the English, I think you all will agree,

Is the funniest language you ever did see.

—Exchange.

Superior—Belmont Copper Mining Company takes over three Calumet & Arizona Mining Company claims near here.

Biaboe—Lead ore mill here is completed.

MICKIE SAYS—

YOUR NAME AND ADDRESS SHOULD BE ON EVERY SHEET OF PAPER, EVERY ENVELOPE AND EVERY STATEMENT YOU USE—LOOKS MORE BUSINESS-LIKE, AND WE PRINT 'EM QUITE REASONABLY



STATE MINING NEWS IN BRIEF

Ajo—Ajo Arizona Copper Company is drilling on claims 2 1/2 miles west of the New Cornelia Copper Company's pit.

Ajo—New Cornelia Mercantile Company enlarges main warehouse here.

Holbrook—Zuni Arizona Oil Company spudding Zuni Well No. 1, 27 miles northeast.

Holbrook—Reliance Oil Company's Valentine Well No. 1 spudded recently.

Yuma—Silver Mines Consolidated opens new mercuric cyanide mill 40 miles north of here.

Oatman—Work progressing at Western Apex mine here.

Jerome—Development operations at Verde Central mining property progressing favorably.

Ajo—Si Paso smelting works of the American Smelting and Refining Company completes construction of 150 ton lead roaster.

Tombstone—Renewed activities expected in mining industry here during next several months.

Tombstone—Lead-silver ore shipments from here for May numbered 23 cars.

Goldroad—Work progressing rapidly on Line Road tunnel, driving into Red Top ground.

BUSINESS CONDITIONS IN THE UNITED STATES

Further recession, apparently due to the most part to seasonal influences, has characterized business activity in recent weeks, states the current issue of the Guaranty Trust Company of New York.

Very few branches of production or distribution, however, show any sign of positive reaction, the Survey continues. In basic industrial operations, sales volumes at wholesale and retail, and in fundamental financial conditions, there is ample evidence to support the belief that business in general is on a sound basis. With the first half of the year at an end, it is clear that the volume of trade and of industrial output for the six months will be found to have compared favorably with that of any corresponding period.

If any recent developments contain ground for misgivings, they are the continued advance in bank loans against security collateral and the rather dubious agricultural outlook. Neither of these factors, however, need be regarded as an immediate menace. The stock market went through a period of readjustment a year ago without any visible effect on the business situation as a whole; while crop prospects are, at worst, only a little more uncertain than usual, and the season may yet prove to be more satisfactory to the farm population than were those immediately preceding it.

Business Recession Not Drastic

Among the indicators of current business activity, perhaps the least encouraging is the movement of railway freight, which for several weeks has been in smaller volume than a year ago. On the other hand, the amount of commercial check payments, as measured by bank debits outside of New York City, was 7 per cent larger in the first two weeks of the month than a year earlier, whereas the total for the year to date is only 4 per cent above that of a year ago.

Although there has been little change in the level of money rates during the last few weeks, the tendency has been toward greater ease, notwithstanding the large volume of new capital flotations and the new high record in the amount of brokers' borrowings in New York City.

The seasonal decline in business failures continues, although the number and liabilities of defaulting firms

4th of July Rodeo At Circle-Z Ranch Is Most Successful

The Patagonia Rodeo, held July 4th, under auspices of the Patagonia Volunteer Fire Department, at the Circle-Z guest ranch was the most successful event ever held in southern Arizona.

More than 2000 people were in attendance, the entire polo field at the Circle-Z ranch being circled with automobiles. Spectators came from nearly every city in the state and many from other states.

Never before have such elaborate preparations been made for a celebration here. The beautiful polo field at Circle-Z ranch was in perfect condition. The new bronco chutes were especially constructed so that the cattle and horses could be handled to the best advantage and without the long delays between events that have marred previous affairs. No more beautiful and ideal location for a big rodeo can be found in the entire state. Situated in the Sonoma valley and completely surrounded by large trees, the ranch has an unequalled appeal to visitors. The barbecue park was located across the creek from the rodeo field. More than 1000 people were served at dinner, five steers having been barbecued for the event. Every detail of this large feast was efficiently handled by C. J. Trask and G. L. Stevens with the hearty assistance of a number of firemen.

Rodeo Began at 1:30 Sharp

Promptly at 1:30 in the afternoon the first calf was let out of the chute, and the Rodeo was on. Twenty-eight entries were made in the calf roping contest, which was won by P. B. Price of Elgin, Ariz., whose time was 24 seconds flat; Ted Simpson of Manistota ranch, Elgin, was second and Joe Kane of Patagonia, third. The calf roping was interesting from start to finish, and few of the contestants missed their calf. Albert Gatlin, Ed Echols and Bird Yoas were judges.

Bronco bareback riding followed immediately after the roping, and every horse proved to be an outlaw. The riders were Deputy Sheriff Jim Kane, Sy Swyers, Jessie Powers, C. R. Russell and Greet Lewis.

Bull riding was the next event, with Sy Swyers, Shorty Morrison and C. R. Russell up.

Bronco busting was the great event. Never before in this part of the state have attempts been made to ride wilder horses. Prizes were won by Jim Kane, first; Sy Swyers, second, and Jack Beal and Joe Chapman tying for third place.

Bucking mules were ridden by Lee Farrell, Alfonso (Paddy Ryan) Valenzuela, Sy Swyers and Joe Sorrella.

A few horse races were run immediately following the rodeo events, the main event being won by Carl Zinsmeister, president of the Circle-Z ranch, on Patsy.

The feature contestant of the afternoon was Sy Swyers of Patagonia, who entered every event of the show. Through the courtesy of Col. A. J. Dougherty of Camp Stephen D. Little, Nogales, the excellent 60-piece band of the 25th Infantry furnished music during the entire performance.

The committee in charge of the contest features of the rodeo was composed of Lee G. Zinsmeister of Circle Z ranch, chairman; Sy Swyers, Joe and Jim Kane, with Lee Zinsmeister acting as master of ceremonies.

Immediately after the rodeo contests ended, the spectators proceeded to Patagonia and witnessed a number of splendid boxing bouts. A welter roost was served at 7 p. m. and the dance began promptly at 8 o'clock. The floor was crowded to capacity in the large opera house and the music was furnished by the splendid 25th Infantry orchestra of 10 pieces. Bert Blabon was chairman of the committee having the Patagonia events in charge.

In the early dawn of July 5 the last of the month remained above the totals of a year ago.

Steel mill operations have been less active in recent weeks, and are now somewhat smaller than a year ago. A similar trend is evident in building operations. As yet the building industry gives no indication of a marked recession in activity.

note of music sounded and a tired but happy and contented crowd started home proclaiming in the highest terms that the Fourth of July Celebration, under auspices of the Patagonia Volunteer Firemen, had made history for Patagonia.

The celebration was a financial as well as a social success, nearly \$1400 having been the gross receipts. After all bills are paid there will be a substantial sum in the treasury of the fire department.

The celebration received much publicity in newspapers throughout the state in the way of news items, which helped greatly to swell the crowd. Many visitors from Nogales, Tucson, Phoenix, Bisbee, Douglas and other Arizona cities were present.

Besides the local people that gave their time toward making the day a success, the Nogales chamber of commerce and American Legion rendered invaluable assistance in Nogales. The prize list was greatly augmented by donations of cash and merchandise by many merchants of both Patagonia and Nogales, and their liberality is greatly appreciated by all Patagonians.

DOHENY AND FALL TO AGAIN STAND TRIAL

Washington—Although once acquitted by a jury in a case involving the celebrated \$100,000 "little black satchel" transaction, Albert B. Fall and Edward L. Doheny must stand trial again on about the same set of facts.

It was declared last Wednesday by Justice Hitt in the District of Columbia supreme court, in overruling demurrers to bribery indictments returned some three years ago against the former interior secretary and California oil operator and his son, Edward L. Doheny Jr.

The demurrers were filed after the United States supreme court canceled the lease contracts involving California oil lands which Fall had granted to Doheny's oil company. The highest court held that the contracts were made without legal authority and also that they were tainted with fraud and corruption because of the \$100,000 transaction between Fall and Doheny.

FORD REPORTED TO HAVE MADE APOLOGY FOR JEW ATTACK

New York, July 7.—The New York American, in a copyrighted article, says Henry Ford has ordered the Dearborn Independent "to discontinue permanently all articles hostile to the Jewish people," has withdrawn from publication the pamphlet in which such items were being distributed and in a signed statement has expressed deep regret for any injury or hurt caused by the series.

Ford's statement, according to the American, includes the announcement that "henceforth the Dearborn Independent will be conducted under such auspices that articles reflecting upon the Jews will never again appear in its columns."

EQUITY ASSOCIATION WANTS CLOSED SHOP

Hollywood, Calif., July 7.—The Actors' Equity Association late today took up the battle of film players for shorter hours and better working conditions.

Frank Gillmore, executive secretary of the Equity, announced that he had approached one producer for the purpose of laying the case of the actors and actresses before him. Several hundred film players last night swore new allegiance to the Equity and laid plans for definite action looking toward an eight-hour day and improved conditions.

One advantage of Italy's dictatorial system is that the cabinet is always in session when Mussolini is awake.

Someone shipped Ty Cobb a case of liquor labeled "electrical apparatus." Must have been high voltage stuff.

Greenland has forbidden the importation of alcohol. Now, how do they keep their radiators from freezing?

Smokers of this day prefer Camels

MODERN smokers insist upon value received, and they place Camel first among cigarettes.

Regardless of price, Camel is the popular smoke, because it has the most to offer. Its choicest tobaccos and careful blending have made Camels supreme in an age that demands quality.

All the money in the world could not make a better cigarette than Camel. It has proved itself to be the experienced taste, to the careful smokers of the modern age. Let this cigarette show you how mild and mellow a good smoke can really be.

"Have a Camel!"

© 1927, R. J. Reynolds Tobacco Company, Winston-Salem, N. C.

SANTA CRUZ PATAGONIAN

HOWARD KBENER
Publisher and Owner

Subscription Rates, in Advance:
One Year\$2.00
Six Months 1.50
Three Months 1.00

Entered at the Postoffice at Patagonia, Arizona, as second-class mail matter.

PUBLISHED EVERY FRIDAY AT PATAGONIA, ARIZONA

Advertising Rates on Application

USING OUR WINGS

At last the American Eagle is learning to use its wings. In less than two years the United States has come from a position far behind that of Europe in commercial aviation to the possession of what is described as "the most extensive commercial flying unit in the world."

Due largely to the rapid development of the Air Mail Service, American planes are in the air more hours than those of all Europe combined.

We are still behind, however, in air passenger lines, but the stimulus given to aviation by the recent trans-Atlantic flights of Lindbergh, Chamberlain, and Byrd promises to encourage the rapid extension of passenger service.

While the record of the air mail flyers for safety has been excellent, our military services have not been so fortunate, and the number of army and navy flying casualties has been too great. The most important requirement for giving confidence to air passengers must lie in increasing the element of safety, and with improved types of airplanes. This will certainly be accomplished.

As G. M. Bellanca, designer of the Columbia, recently said, "First of all, safety must be considered; then comfort, and lastly profit." In view of recent performances, it can not be doubted that American engineers and aviators, backed by ample capital, will solve the problems which still are before them.

REAL FARM RELIEF

An intensive campaign in behalf of agriculture, now being sponsored by leading business men composing the Georgia Association, is attracting nationwide attention owing to the unique nature of the plan.

The object of the campaign is to raise a fund of \$100,000, to be spent for these purposes:

National advertising to secure "land owner" farmers. Employment of four experienced field men to cooperate with local agencies to improve marketing facilities, perform a land settlement service, render advice in county organization work.

The ultimate object of all this is to rehabilitate 61,000 abandoned Georgia farms by promoting diversified farming, in order that the greater part, at least, of the \$150,000,000 now sent out of the state each year for food and farm products may be kept at home.

Henry M. Atkinson, chairman of the board of the Georgia Power Company, is general chairman of the campaign, and Eugene R. Black, president of the Atlanta Trust Company, is chairman of the finance committee, which is composed of 25 business and industrial leaders.

With such a body of practical men behind the movement, it is likely that a more effective measure of farm relief may be expected than could be hoped for through the medium of national or state legislation. The example of these Georgians is worthy of emulation by real friends of agriculture in other states.

AN ELECTRIC COUNTY

Cleveland county, North Carolina, lays claim to being one of the most effectively electrified counties in the country, according to the Cleveland Star, of Shelby.

Within the last two years farmers of the county have organized community groups and have built power lines to practically every rural section. Besides having the benefit of electric lights, they also have a great number and variety of conveniences hitherto unknown to them, including washing machines, churns, vacuum cleaners, feed cutters and other labor-saving equipment operated by electricity.

According to the Star, these facilities are being rapidly extended to the rural districts of other counties in the state, and this evidence of progress is receiving much favorable comment by the state press.

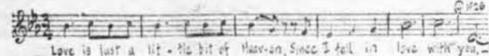
This movement is not confined to any one state or section, however, but is gaining headway throughout the entire country, as a result of cooperation among agricultural colleges, farmers' organizations and the electric companies.

Movie producer has brought suit for \$5,000,000 against Lillian Gish. Gosh!

**One-Hundred-Piece Band
Accompanies Woman Singer**



MARJORIE MOODY



**Marjorie Moody Finds
No Difficulty In Being
Heard**

New York City.—Singing to the accompaniment of a hundred-piece brass band is an achievement attained by few women. Indeed, Miss Marjorie Moody, soprano, is the only one who has done it so far as anybody knows. Yet she says it's really easy, provided you have the right band and the right song.

Miss Moody is the soloist with John Philip Sousa, and has sung with him for several years.

"At first, people were skeptical that any woman's voice could be heard above the hundred brasses," she admits, "but, of course, Mr. Sousa's band convinced them. He has carried on for

years the most thrilling experiments with his instruments.

"It's a mistake to imagine that a brass band, to be successful, must blare and drown out everything else within hearing. I have never experienced the faintest difficulty in being heard above the band and it isn't necessary for me to strain my voice, either.

"Some of our best selections are quite soft and cradle-songish, contrary to popular belief. "Of course, not all modern music is especially adapted to voice and a brass band. One song that I am singing offers interesting and charming possibilities. It is 'Love Is Just a Little Bit of Heaven,' a waltz ballad which is now my favorite encore number. It has the 'something' which gives it personality."

Miss Moody is a Bostonian who was trained for grand opera.

ENCOURAGE MINING INVESTMENT

The mines of the west need working capital. It would be unwise to invest in every prospect, but there are thousands of legitimate mine enterprises as honest as banks, or even churches. They would repay confidence and industry with a golden

flood. Mining is a man's work. It takes courage and strength and intelligence. But it builds soul as well as body and purse.

A North Carolina municipal band is advertising for seasoned musicians, but "seasoned" doesn't mean "pickled."

The birth of twins is considered an ill omen by native Filipinos. A good many American fathers feel the same way about it.

Business Poor? Try Advertising

REAL ESTATE EXCHANGE
100 Duquesne Ave.

Has several good farms and some fine town property for sale. For prices, write to, or inquire of, A. H. GLIDEWELL, Box 44, Patagonia, Ariz.

**Everything You'll
Need For Summer**

Full line of Wardrobe Trunks,
Handbags and Suitcases
on Display

Also

A Full Stock of Camp Equipment,
Consisting of Campcots, Tents,
Blankets, Campkook Stoves, Etc.

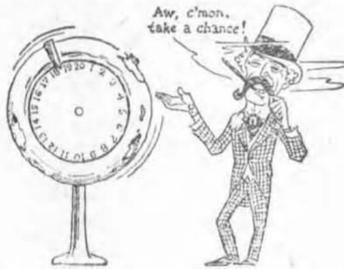
If you are going on a Vacation
Trip we can be of Service to you.

ARMY STORE

205 MORLEY AVE.

NOGALES,

ARIZONA



**Do You Gamble
with Tires?**



USCO Balloon

Do you take a chance on tires of unknown parentage just because the price looks cheap?

Or do you buy USCO Balloons?

United States USCO Balloons are sold with the full warranty of the United States Rubber Company.

Glance at the prices. Where can you beat them?

We're always open.

Note: [Have your newspaper set up the list of tires and tubes and your ad prices in this space. You can make this ad as much larger as you need.]

C. C. Cheshire Motor Co.
Phone 99 243 Morley Avenue
NOGALES, ARIZONA

UNITED STATES TIRES ARE GOOD TIRES



THE PROPER PLACE TO DINE

JUST STEP across the line to a place where courtesy and service go hand in hand.

COME OVER and let us serve you with the most tempting dinner you can obtain in all Sonora.

OUR PRICES are reasonable and we cater to your trade and the trade of your family.

NUTI'S PLACE

Silvio Nuti, Prop.

63 Elias Street

Nogales, Sonora

**The
Advertised
Article**

is one in which the merchant himself has implicit faith—he will not advertise it. You are safe in patronizing the merchants whose ads appear in this paper because their goods are up to date and not shop worn. : : :

Subscribe for your home paper; \$2.

**Leather
Goods**

BITS SPURS
HARNESS
SADDLES
Belts Boots
Cowmen's Supplies
All Repair Work
Promptly Attended
To

PRICES RIGHT

**Nogales
Saddlery**

313 Morley Ave.

NOGALES ARIZONA

PLACE OF REFINED ENTERTAINMENT

—THE—

**A-Z-T-E-C
CLUB**

Where the Family Parties Are Held

NOGALES — SONORA — MEXICO

MUSIC BY

THE BEST JAZZ ORCHESTRA IN TOWN

SPECIAL ENTERTAINERS

BEST REFRESHMENTS AND CUISINE



Children
Cry for

**Fletcher's
CASTORIA**

MOTHER! Fletcher's Castoria is a harmless Substitute for Castor Oil, Paregoric, Teething Drops and Soothing Syrups, prepared to relieve Infants in arms and Children all ages of

Constipation Wind Colic
Flatulency To Sweeten Stomach
Diarrhea Regulate Bowels

Aids in the assimilation of Food, promoting Cheerfulness, Rest, and Natural Sleep without Opiates

To avoid imitations, always look for the signature of *Wm. H. Fletcher*
Proven directions on each package. Physicians everywhere recommend it.

**The Personal
Element**

Professional skill is not the only requirement of a funeral director. He must perform his sensitive tasks quietly and unobtrusively, and in a tactful manner that inspires confidence and good-will.

Our service includes friendly and sympathetic understanding of the task in hand. The personal element, we hold, is equally as important as proficiency in technical requirements.

Parker-Grimshaw Co.

Funeral Home

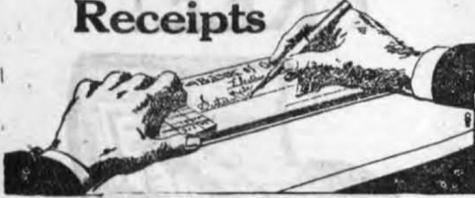
Morley Avenue

Phone 210

NOGALES, ARIZONA

Member National Selected Morticians
By Invitation

Checks Are Receipts



Checks are the best receipts in the world for paid bills. Our record of the canceled check as it is paid and passes through our books forms a chain of evidence that cannot be surpassed or disputed. Starting a Checking Account with us is a simple matter. Let us tell you how.

THE FIRST NATIONAL BANK OF NOGALES
NOGALES, ARIZONA
Assets Over \$3,000,000

A Reminder! Valet Auto-Strop Blades



The Blades that keep your face young

May be purchased at all local stores carrying shaving supplies

Valet Auto-Strop Razor

AutoStrop Safety Razor Co., 656 First Ave., New York, N. Y.

TRADE AT HOME!

Arizona Packing Company's meats are from cattle raised in Arizona. Cactus brand Bacon and Ham is as good as can be procured anywhere, and we cure them from the meat of Arizona-raised swine. Patronize Arizona industries whenever possible and help your state grow. The money you send away stays away.

ARIZONA PACKING COMPANY
NOGALES, ARIZONA



WE HAVE A STOCK OF Kelly-Springfield Tires AND TUBES

We Also Carry
AUTO ACCESSORIES, GAS, OILS,
AND GREASES
We deal in Wood, Hay, Grain, and Poultry Feed, and do Hauling, both light and heavy. See us FIRST.

PATAGONIA ICE & LIGHT
PLANT

BEFORE IMPROVING PROPERTY be sure your title is clear. Title to much land in Nogales, Patagonia and other parts of this county is cloudy.

SANTA CRUZ COUNTY ABSTRACT AND TITLE COMPANY

F. A. French, Mgr.

Nogales Arizona

NOTARIES PUBLIC

Legal papers requiring a Notary's Seal and acknowledgment will receive proper attention if brought to Miss Grace Van Osdale, San Rafael Valley.

B. P. O. E.
NOGALES LODGE NO. 1397
Meets second and fourth Tuesdays of each month at Elks' Home on Morley Ave. Visiting brothers always welcome.

HARRY RENSHAW,
Exalted Ruler
ROBERT E. LEE, Secretary

It's better to insure your property than to wish you had. See Howard Keener at the Patagonian office.—Adv

A. C. Mahon of Atlanta, whose entire larynx was removed by an operation, has been fitted with an "artificial throat" and can talk again.

We Want You

to keep in mind the fact that in addition to printing this newspaper we do job work of any kind. When in need of anything in this line be sure

To See Us

FOR SALE—Singer Rotary Sewing Machine, good as new. Inquire H. E. Fry, at the Henlala house, Patagonia, Ariz. 7-8-21p

BLACK AMBER CANE SEED for sale at Bud Baldwin's ranch in the San Rafael Valley. 7-8-21

LET US DO YOUR LAUNDRY—Rough-dry, 40c dozen. Call or write for prices for piece work. We also do dry cleaning and pressing. Patagonia Laundry, Patagonia, Ariz. 1f

Howard Keener, at the Patagonian office, will acknowledge your legal papers, put the Notary's Seal thereon—and has for sale all kinds of legal blanks.

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For Infants and Children
In Use For Over 30 Years
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Elgin and Waltham Watches
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PRICE LIST
Gold and Silver in 1 sample \$1.00
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Discounts on large amounts.
ORES BOUGHT f.o.b. Nogales, Ariz., at 90% of smelter value less \$5.00 per lot sampling and assay charge.
Accuracy and Promptness My Aim
12 Years in Present Business.

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Hats Cleaned and Blocked
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All Dye Work Guaranteed
Mail your clothes to us. We will deliver them on time.
Our Work, Our Prices, Our Service
Will Please You

WALTER P. CHRYSLER'S TRAFFIC TALKS



ENGINEERS STUDY TRAFFIC REGULATIONS

Traffic conditions in 250 cities in various parts of the country are to be studied by a committee of the American Engineering Council in an attempt to obtain standardization of regulations, according to an announcement made public recently by Dexter S. Kimball, dean of Cornell University and president of the organization.

"Variance in traffic rules has become so irritating that motorists are losing patience," Dean Kimball has said. "The average driver is unable to understand why these rules are not substantially the same everywhere and why there should be any difference in the meaning of twinkling colored lights, whether in New York, San Francisco, New Orleans or Duluth."

"Nation-wide prevalence of this notion has led to definite engineering effort to end this confusion with

the cooperation of the National Conference on Street and Highway Safety sponsored by Secretary of Commerce Hoover."

At the last session of the conference the American Engineering Council offered to make a national survey of municipal traffic signals, signs and markings, with a view of presenting a standard code of practice to be recommended for general adoption by the cities of the country, both large and small. This offer was unanimously accepted and the council has been preparing for the work by organizing a small working committee composed of representatives of national bodies most affected by the tangle of traffic regulations.

This committee has prepared very comprehensive questionnaires designed to ascertain the present practice in more than 250 cities as well as what experience has proved to be the most effective methods.

What's New?

A powerful lamp has been developed for detecting forgeries or alterations in checks or other valuable documents.

Snake skin, treated by a process which makes it soft as silk, is being used for making handbags, umbrellas and hats.

Among the conveniences included in a new French liner are a 60-car garage, a sidewalk cafe, a chapel and a 30-foot bar.

It is expected that a speed of 60 miles an hour will be attained by an 82-foot boat, to develop 2400 horsepower, now being built in Italy.

Snappy Stuff

Mrs. Frederick Seidel of Garfield, N. J., seeks divorce because her husband treated her cruelly and drank the water from the family fish bowl.

When the roaring of 14 lions annoyed Maexchen, German circus stork, the bird charged the animals and drove them in panic into their cages.

A new German airplane with a motor of only 12 horsepower is capable of carrying two persons.

An electrical circular saw for butchers' use has been designed.

A sow owned by John Funnfain, near Mendota, Ill., has a litter of 19 healthy pigs.

Oronite FLY SPRAY
flies-mosquitoes, roaches & moths, etc.
STANDARD OIL COMPANY OF CALIFORNIA

For the Best in Nogales, Sonora

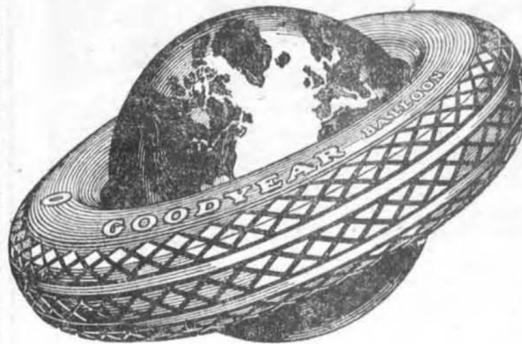
VISIT THE FAMOUS

Cave Cafe

CUT IN SOLID ROCK

We specialize in Sea Foods and Game in Season. All kinds of Chinese dishes to your order.

Where the Tourists eat their meals in the cool recesses of dining-rooms cut into the rock hill-side.



People who wouldn't think of going to any but a good, reputable dealer for food, clothing, or furniture, patronize the worst kind of "dumps" when it comes time to buy a tire.

They do this thinking it is necessary in order to get a tire bargain.

We'll sell you the best tire made—a Goodyear—at a price as low as you can get anywhere.

EAST SIDE GARAGE

R. C. Blahon, Proprietor
PATAGONIA ARIZONA

International Casino

Alex Rossi, Mgr.

At the Plaza, Sonora, Mexico
(Just across the border)

THE ONLY FIRST-CLASS PLACE TO EAT
AND DRINK

HANK'S GARAGE

Hank Myers, Prop.

AUTO REPAIRING
STUDEBAKER SERVICE

CARS GREASED AND OILED

340 Grand Avenue, Nogales, Arizona

FOR DEVELOPMENT WORK, FOR
SMALL HIGH GRADE VEINS,

Here Is the Mill

Efficient, Economical,
Easily Handled, Simple

Price \$3200

10-15 TON FLOTATION MILL

Extra Cost for Boiler and Engine, or Gasline
Engine, From \$1200.00 to \$1600.00

Roy & Titcomb

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NOGALES, ARIZONA



Why get along with makeshifts in the kitchen, where so many hours of work are done each day, when you can come here and, at very small cost, choose kettles and pans that will make your kitchen complete and lessen materially your kitchen work?

WHITE ENAMEL WARE

The following special values will prove especially interesting to thrifty shoppers:

Berlin Kettles \$1.00 to \$1.50
Coffee Pots \$1.25 to \$1.60
A full line to choose from; all sizes.

THE CORNER STORE

Patagonia, Ariz.

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1927

Santa Cruz Patagonian,
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Gentlemen: Enclosed find \$_____ for
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STORAGE — REPAIRING — ACCESSORIES

STUDEBAKERS

Store Your Car Here While in Nogales and Let Us Check It Up for Needed Repairs

THE BEST AUTO MECHANICS IN TOWN

NOGALES-TOMBSTONE STAGE

Bob Laney, Prop.

SCHEDULE

SOUTHBOUND		NORTHBOUND	
Leave Tombstone...1:30 p.m.	Leave Nogales.....5:00 p.m.	Leave Tombstone...1:30 p.m.	Leave Nogales.....5:00 p.m.
Arrive Sonora.....2:10 p.m.	Arrive Patagonia.....6:00 p.m.	Arrive Sonora.....2:10 p.m.	Arrive Patagonia.....6:00 p.m.
Arrive Patagonia...2:30 p.m.	Arrive Sonora.....6:20 p.m.	Arrive Patagonia...2:30 p.m.	Arrive Sonora.....6:20 p.m.
Arrive Nogales.....3:30 p.m.	Arrive Tombstone...7:30 p.m.	Arrive Nogales.....3:30 p.m.	Arrive Tombstone...7:30 p.m.

Direct connections at Tombstone east and west.

PIGGLY WIGGLY

All Over the World

Some of Our Everyday Prices

BUTTER

GOLDEN STATE, Per Pound	51c
Sunset Gold, Per Pound	44c

COFFEE

Hill's and Folger's, Per Pound	51c
Your Luck, 1-Pound Cans, Each	49c
Your Luck, 2½-Pound Cans, Each	\$1.20

STAR LARD

1-Pound Packages, Each	19c
2-Pound Cans, Each	43c
4-Pound Cans, Each	82c
8-Pound Cans, Each	\$1.60

FLOUR

98-Pound Sacks, Each	\$4.10
48-Pound Sacks, Each	\$2.07
24-Pound Sacks, Each	\$1.07

BOB WHITE SHORTENING

2-Pound Cans, Each	37c
4-Pound Cans, Each	68c
8-Pound Cans, Each	\$1.32

SOAP

6 Bars Crystal White and 1 10c Cake of Fairy Toilet Soap, all for	25c
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ELGIN MAYONNAISE

Small Jars, Each	10c
Half-Pint Jars, Each	20c
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The best Mayonnaise on the market, and it costs you less.

TOBACCO

All kinds of Cigarettes, Per Package	12c
Tuxedo, Each	19c
Prince Albert, Each	13c
Bull Durham, 2 Sacks for	11c

FANCY CORN

No. 2 Cans, Each	12c
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SOMETHING SAVED ON EVERYTHING AT PIGGLY WIGGLY—NOT JUST A FEW SPECIAL PRICES, BUT 1000 MORE VALUES TO CHOOSE FROM.

MAKE PIGGLY WIGGLY YOUR HEADQUARTERS WHILE IN NOGALES

PIGGLY WIGGLY

NOGALES, ARIZONA

Easy to Get There!

Just follow with the crowds to our mid-summer

CLEARANCE SALE

Certain items in our stock must be cleared away immediately. Only by drastic means can we move them as fast as we desire. Lots have been grouped. Our entire stock has been re-priced. Come and share in the values we have prepared for you.

IT IS YOUR OPPORTUNITY TO SAVE REAL MONEY ON ALL YOUR FAMILY APPAREL NEEDS!

Don't forget to ask for premium tickets with your purchases.

THE "El Paso" DEPARTMENT STORE

Originators of Low Prices

129 Morley Avenue Nogales, Arizona

NOGALES NEWS

(Special to The Patagonian)

The bi-monthly dance of the young set of Nogales, the Bohemians, was held at the Castle Caves, Nogales, Sonora, Saturday night. The affair was declared a huge success. The Caves were decorated with the club colors, white and blue.

J. E. Shilling, manager of the Espee stationery store, Empalme, Sonora, left Wednesday for Empalme, following his return from a visit to his daughter in Dallas, Texas.

General Aguilera, commanding the Sinaloa troops, left Nogales last week for Ortiz, where his brother, an army officer, was shot by a soldier.

Jack Ferland, salesman for the No-

MICKIE SAYS—

NOT A THING TO KICK ABOUT TODAY! NOT A SINGLE SUGGESTION TO MAKE! EVERYTHING IS HOTSY-TOTSY IN THE OLD NEWSPAPER, BUSINESS TODAY!



Points Developed By

Cuffs and a

Belt



The young woman who likes to look well at every hour of the day, and particularly the busy business girl who is supposed to do so whether she likes it or not, will find this frock a sure prescription for all-day-long smartness. It is in such good simple taste, so easy to slip into in the morning and still so fresh and neat by 5:15! It can be made in a silk crepe, in a wash silk or in a light-weight wool with a contrasting shade of self material used for the belt and the trimming bands of the pointed cuffs and the tailored collar. The lack of the frock is quite plain, while in front a plait runs from each shoulder to the hem, pausing at the low waistline to point out that this is where a belt may slip through smartly.

The Patagonian

AND YOUR CHOICE OF ANY 5 OF THIS LIST OF 20 LEADING MAGAZINES FOR A WHOLE YEAR FOR ONLY \$2.50

Enough reading for the whole family—stories—household hints—a helpful group of magazines at a price you can afford to pay. No need to wait as renewals will be extended one year from date of expiration.

NOW ONLY HALF PRICE. CHOOSE YOUR FIVE

Magazines shown include: Capper's Farmer, Farm Journal, Good Stories, The American Needlewoman, Farm Life, Sportsman's Digest, Woman's World, Home Circle, The Gentlewoman, Farm & Fireside, The Pathfinder, and The Gentleman.

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Gentlemen: I wish to take advantage of your Magazine Bargain Offer. I am enclosing the above amount in payment for a one year subscription to your paper and the FIVE Magazines I have marked with an X below.

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| <input type="checkbox"/> The Farm Journal | <input type="checkbox"/> People's Popular Monthly |
| <input type="checkbox"/> Farm Life | <input type="checkbox"/> People's Home Journal |
| <input type="checkbox"/> Farm Mechanics | <input type="checkbox"/> Sportsman's Digest |
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CHOOSE Mark this coupon now and bring or mail it to our Business Office TODAY

OUR 25th YEAR J.C. PENNEY Co. OUR SILVER YEAR

A NATION-WIDE INSTITUTION

"where savings are greatest"

MORLEY AVENUE, NOGALES, ARIZONA

Economy News

Here Are Thrift Items That Spell Service, Value, Quality and Low Price—Definite and Sure!

Choose Your Friends If You Wish Success

"How far you go depends upon whom you travel with" is an old Indian saying. The J. C. Penney Company has traveled in a quarter of a century from a tiny country store to a Nation-Wide Institution of 885 stores, serving millions of people, and their success has been due in great measure to the principles with which they chose to make the journey. Performance - Instead of - Promises was one of their early traveling companions, and Truth-In-Advertising and A-Square-Deal-To-All-Alike have proved equally satisfactory friends. These 885 stores are more than just places to sell yards of goods. They are monuments to the principle that the public appreciates honest dealing.

J.C. Penney Co.

25th Anniversary

A Great Summer Event

Clever House and Porch Frocks— At Our Low Price Buy now—and buy several of these delightful home and porch frocks. You can have a fresh, smart style for everyday.



79c

Individual Printed Patterns

The season's most distinctive patterns—a score of styles—and famous savings!

A Good Buy "Wizard" Sheets and Cases



You can never have too many—and will not be able to buy this quality at a more economical price. Replenish your supply now.

Pillow Cases, size 42 x 36, 19c

Seamless Sheets, sizes 81 x 90, 85c

Bridge Sets Cloth and Napkins

A most attractive bridge table cover and four napkins to match. We are proud to offer this excellent Value, at,

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25th Anniversary Summer Pillows

Cool! Low Priced Warm weather ruins silken pillows so brighten up your rooms with gay cretonne ones. All shapes. Garnetted cotton filled. Range of colors.

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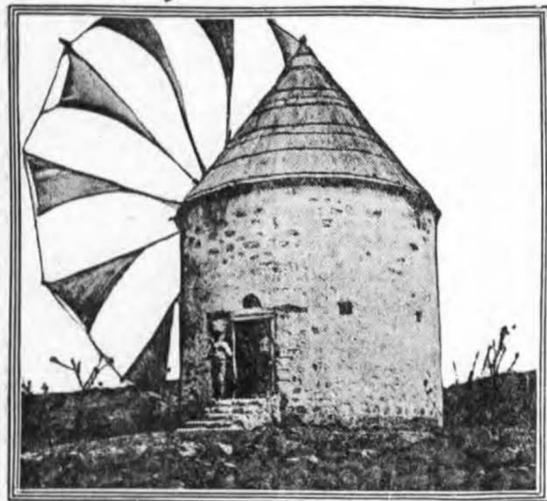
25th Anniversary "Belle Isle" A Fine Muslin



Our own trademark—which we are proud to offer to you. Ideal for hundreds of household uses. 39 inches wide unbleached and 36 in. wide bleached. So low-priced, yard

10c

Sea of Marmora



Windmill on Shore of Sea of Marmora.

(Prepared by the National Geographic Society, Washington, D. C.)

THE Sea of Marmora—or the Propontis, if one wishes to be classical—and its shores, have probably been the scene of more stirring events in history than any body of water of similar size. It is little more than 100 miles long and some forty miles across at its broadest point. Thus it is about the same size as Lake Champlain. The Marmora is a sort of vestibule between the outer and inner doors of the Black sea—the Dardanelles and the Bosphorus.

The Marmora and the Black seas are no more than twenty miles apart at their nearest point, but it is astonishing what a difference in aspect twenty miles may make. The Marmora has much of the softness of air, vividness of color, and beauty of scenery that we associate with the Aegean and Ionian seas. Threading the narrow slit of the Bosphorus, however, and you pass into an entirely different world—sterner, barer, rockier, colder. It is partly perhaps that the Black sea is very much larger.

While its two historic gateways—the Dardanelles and the Bosphorus—are strategically the most important features of the Marmora, that picturesque little sea has a character of its own, and one not to be caught from the deck of a Mediterranean liner or from the windows of the Orient express. Such impressions as the passing tourist takes away are chiefly of the flat and treeless Thracian shore. The longer Asiatic coast, however, is much more indented, and rises on the southeast to the white peak of the Bithynian Olympus. A high, green headland divides the eastern end of the Marmora into the two romantic gulfs of Nicomedia and Moudania. The south shore again is broken by the mountainous peninsula of Cyzicus.

Off its windy western corner lies a group of islands, of which the largest is the one that gives the Marmora its name—a mass of marble ten miles long, famous from antiquity for its quarries. Another considerable island is the long, white sandspit of Kalolimnos, just outside the Gulf of Moudania; but best known are the Princes isles, a little archipelago of rock and pine that is a favorite summer resort of Constantinople.

Cities on Its Shores.

In any other part of the world this inland sea would long ago have become a place of sojourn for yachtsmen and summerers, so happily is it treated by sun and wind, so amply provided with bays, capes, islands, mountains, forests, and all other accidents of nature that make glad the heart of the amateur explorer. As it is, the Marmora remains strangely wild for a sea that has known so much of life; yet its shores are by no means uninhabited and between them lies many an unburied sail.

The focus of this quaint navigation is, of course, Constantinople, standing high and planned on either side of the crooked blue crack that opens into the Black sea.

The busiest town in the Marmora after Constantinople is Panderma, on the south shore, joined to Smyrna by a railway that taps one of the most fertile districts of Asia Minor. In its vicinity exists one of the few borax mines in the world. Another little railway climbs through the olive yards of the Gulf of Moudania to Brusa, on the lower slopes of Mount Olympus. This delightful town, the first capital of the Turks and their most picturesque city, is the Hamburg of the Levant, enjoying a renown of many centuries for its hot mineral springs. It is also the center of an ancient silk industry, first introduced from China in the sixth century by Emperor Justinian. Its cocoons are considered to rank in quality above those of northern Italy and are much exported to this country and to France.

Another ancient watering place of the Marmora is Yalova, in the wooded hills above the Gulf of Nicomedia, whose baths were visited of old by Emperor Constantine, and there are many less frequented hot springs in this region.

More numerous than the settlements of today, however, are the ruins of yesterday. Every harbor, every headland, has some fragment of ancient masonry, and the workmen in

the vineyards are constantly turning up coins, pieces of broken pottery, bits of sculptured marble, that have come down from who knows when or where. About no body of water in the world, of equal size, have stood so many stately cities.

Question of the Straits Centuries Old.

The true question of the straits arose as early as the Fifth century, B. C., when Alcibiades of Athens counseled the people of Chrysepolis, the modern Scutari, at the southeastern extremity of the Bosphorus, to take toll of passing ships. Yet another aspect of the question of the straits had already risen earlier in the century, when the Persian expeditions against Scythia and Greece crossed the Bosphorus and the Dardanelles. What success they had we know, and how a counter-invasion under Alexander crushed the Dardanelles in 344 B. C., crushing the Persians at the battle of the Granicus.

It was in the period following the death of Alexander, when the kingdoms of Bithynia, Pergamos and Pontus flourished in northern Asia Minor, that the cities of the Marmora began to take on their greatest importance. Chief among them was Cyzicus, on the southeastern side of the peninsula of that name. Founded earlier than Rome or Byzantium, possessed at different times by Athens and Sparta, by the Persians and Alexander, by the Romans and Byzantines, the city of Cyzicus was long celebrated as one of the most splendid cities of the ancient world. Its gold staters were the standard of their time.

With the rise of Byzantium, however, its glory passed away. Gothic and earthquake ravaged it; Constantine and the Turks found it an inexhaustible quarry for the public buildings of Constantinople. Today there is almost no trace of its marble among the vines and olive trees of the peninsula.

Nicomedia and Nicaea, in Bithynia, were also accounted no mean cities in their day. Indeed, Nicomedia, bequeathed to Rome with the rest of his kingdom by Nicomedes III, in 74 B. C., became for a moment, under Emperor Diocletian, the capital of the world. As for Nicaea, it has three times been a capital.

Nicaea, now Isnik, is not in all strictness a city of the Marmora, but the lake on which it lies is geologically a continuation of the Gulf of Moudania. A place of importance long after the Bithynian period, it is chiefly remembered today for the two councils of the church which took place there in 325 and 787.

Brusa, Too, is Celebrated.

A third Bithynian city, which we have already mentioned—Brusa—has more than one title to celebrity, not least among which is that its foundation was ascribed to the advice of no less a personage than Hannibal. At any rate, the great Carthaginian fled after the Punic wars to the court of King Prusias of Bithynia and committed suicide there, in 183 B. C., to escape falling into the hands of the Romans. Legend has placed his grave on the north shore of the Gulf of Nicomedia.

Space fails to make even the barest catalogue of the cities of the Marmora that have enjoyed historical renown. Mention might be made of Rodosto, to which Bulgarian raiders came in 813, in 1206, and in 1912, and where the Hungarian royal exile, Francis II Rakoczy, lived for 18 years and died in 1735.

More eastward still lies Silivri, the Athenian colony of Selymoria, which Emperor Anastasius I made the terminus of the great wall he built across Thrace from sea to sea—precursor of the modern lines of Chatalja. Then there is Chalcedon, now an Asiatic suburb of Constantinople, founded a few years earlier than Byzantium by colonists from Megara and renowned for the magnificence of its public buildings, for the councils of the early church which took place there, and for the memorable sieges it sustained against Macedonians, Persians and Saracens.

The history of the greatest city of them all, Constantinople, has for nearly 2,000 years been largely the history of the little sea that lies before it. It was founded, a little later than Rome, by seamen from Megara.

RADIO

Reception O. K'd by Music Critics

Improved Audio Amplification Elevates Radio to Higher Plane.

By JOHN F. RIDER
In Radio World.

The cause of the objections voiced by musicians against radio as a medium of musical entertainment has been removed. Simultaneously, with the same stroke, the goal of engineers interested in the development of audio-frequency amplification has been attained. This step was accomplished by one who has made many noteworthy contributions to the science of radio transmission and reception—H. P. Donie, the eminent physicist and engineer. His patents cover such well-known items as the alkaline vapor tube, better known as the sodium tube; the spiderweb coil, and many gas content tubes used in radio. The audio-frequency achievement is the development of a new system of such amplification known as triphonic, utilizing new electrical principles of operation. The electrical phenomena utilized for the energy transfer between the circuits in this system is not to be found in existing systems and is the development of the inventor.

Timbre Kept Constant.

The greatest objection voiced by musicians against radio as a medium of conveying music has been that the reproduction was not natural; that is, it was either low pitched or high pitched. Furthermore, that the relationship in amplitude of the fundamental and harmonic frequencies when reproduced was not the same as that of the signal when transmitted into the microphone. A variance in this relationship changes the timbre of the sound, and a soprano sounds like a contralto and a violin like a cello. They also claimed that due consideration was not accorded by the receiver engineers to the electrical laws and physical laws pertaining to the conversion of sound into electrical energy, and the reception of this electrical energy and its re-conversion back into sound. Musicians agreed that when these laws are given consideration and the proper relationship maintained between the fundamental and the overtone frequencies, the reproduction in the home of the fan will be natural.

Impartial Amplification.

This new system fulfills the requirements and consequently nullifies the objections. The frequency range of the triphonic coupling units is from 37 to 10,000 cycles, with a practically flat curve between 80 and 10,000 cycles. This means that the amplitude relationships between the frequencies of a complex wave within this band will be retained without any accentuation or attenuation. In other words, if a soprano sang a 1,200-cycle note, which contained for the sake of argument the third, fifth and seventh harmonics with amplitude relationship of respectively 30, 5 and 2 per cent of the fundamental, they would be amplified uniformly and the amplitude of the fundamental and the harmonics would vary in the same proportion. This would make possible natural reproduction. If the fifth and seventh harmonics were attenuated, the timbre of the soprano's voice would be altered, and the reproduction would not be natural.

Another salient feature of this new system is the minimization of phase angle distortion in the coupling unit and tube combinations. This form of distortion is very seldom considered in the design of the average audio-frequency amplifier, and is extensively present in many cases.

How System Works.

The operating principle of this new system of audio-frequency amplification is the attainment of energy transfer through a medium of balanced electro-magnetic coupling and capacitive coupling, a system dissimilar to existing systems of audio-frequency amplification. The system is non-oscillating, and adaptable to average conditions without necessitating any special equipment. The standard tubes used for audio amplification are satisfactory.

The design of the units comprising an individual coupling unit differ as much physically from conventional audio-frequency coupling units as does the principle of operation from any conventional system. The balance between the electro-magnetic coupling and the capacitive coupling is automatic within each unit, as to frequency and the amount of power passed into the system.

Rejuvenating Tubes

The success of rejuvenating tubes depends upon the equipment used as well as the ability of the operator to use it properly. Many make a mistake in overloading the tube without following it up with a gradual period of overloading. In some cases just the reverse is the situation, as, for instance, where the operator decides to give the old tube a 20-minute period of just moderate overloading, failing to give it a good shot of power at the outset.

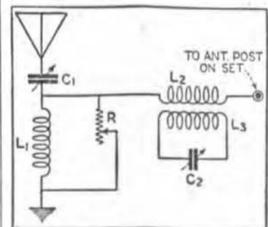
Wave Trap Eliminates Station Interference

A filter, or wave, trap which will eliminate station interference is shown in the illustration. Its construction is fairly simple, there being only two parts, although the adjustment of this filter is somewhat complicated. However, once adjusted, it needs no further handling or dial twisting. The parts necessary for this wave are as follows:

- 1 variable condenser, .001-mf. low-loss type;
- 1 variable condenser, .0005-mf. low-loss type;
- 1 variable resistance, 0.25,000 ohms;
- 2 bakelite tubes, 3 inches in diameter, 4 1/2 inches long;
- 1/2 pound No. 22 DSC wire.

L1 consists of 55 turns wound on one of the tubes, L2 is 45 turns wound on the remaining tube, L3 is wound on top of L2, but is separated from it by a sheet of empire cloth, or waxed paper, and has ten turns. C1 is the .001-mf. variable condenser. The theory of this wave trap is as follows:

The incoming signal flows through coils L1 and L2. The circuit comprising L1 and C1 is tuned to the frequency of the interfering station, and the condenser is then set at that position. The circuit including C2 and C3 is what is commonly termed an absorption circuit. The condenser of this circuit is rotated until the signal of the interfering station is heard at a minimum strength. The circuit, when



Efficient Wave Trap Which Can Be Constructed at Low Cost.

In resonance with the interfering station, will absorb almost all of the energy received from that station. The energy is received from coil L2, which is closely coupled to L3, and is also closely coupled to L1. In this way signals of other stations will be allowed to pass through, but that of the interfering station is dissipated in the absorption circuit. The resistance across L1 and C1 serves as a static leak, and is variable to obtain the best adjustment possible.—Radio News.

Wire Skinning Device Made From Battery Clip

In using the popular rubber-covered stranded hook-up wire, considerable trouble was experienced in skinning the ends for connections until the following simple tool was devised. It consists of a large battery-connection clamp, the teeth of which are filed smooth. A small notch in the jaws,



Insulation Remover That is Made From a Battery Clip.

roughly the size of the skinned wire, is also made with a file. With this little tool you can do a neater job in a fraction of the time necessary to skin this type of wire with a knife, and there is no danger of cutting the fine strands of the wire.—Radio News.

Leaky Transformer Put All Sets to Humming

One of the most bothersome things to an owner of a radio set is the location of a leaky electric transformer in his neighborhood.

Radio owners of Walterboro, S. C., recently had so much trouble with their sets that the sale of radios decreased considerably. A radio dealer put experts on the job, who spent a whole day going over the city trying to locate the trouble, but it was not until evening, when the electric lighting lines were used, that they found it. It all was centered in a leaky transformer. As soon as it was repaired the buzz-sawing that had annoyed the radio fans disappeared.

Positive Phone Cords

Head-phones, generally speaking, operate the best when the positive side of the phones is connected to the positive lead of the "B" battery. Some phone cords are marked with a red stripe to indicate the positive cord of the phones. But if the phone cord tips are not marked try them connected one way and then reverse these connections. The positive side will be indicated by the connection that gives the clearest and loudest signals.

Make New Radio Tube

Production of a radio tube which embodies the elements of three ordinary tubes together, with two stages of amplification, is reported to have been accomplished in Germany. This tube is only slightly more expensive than other types, it is said, and radio development is expected to be materially advanced by this invention. At present crystal and one-tube sets predominate in that country.

Improved Uniform International Sunday School Lesson

(By REV. F. A. FITZWATER, D.D., Dean, Moody Bible Institute of Chicago.)
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Lesson for July 10

SAMUEL'S FAREWELL

LESSON TEXT—1 Samuel, Chap. 12. GOLDEN TEXT—Thy loving kindness is before mine eyes and I have believed in Thy truth.

PRIMARY TOPIC—Samuel the Faithful Servant. JUNIOR TOPIC—An Old Man's Advice. INTERMEDIATE AND SENIOR TOPIC—How to Make a Clean Record. YOUNG PEOPLE AND ADULT TOPIC—Righteousness in Public Life.

Samuel means "asked of God." God gave him in answer to his mother's prayer. She promised to give him back to God. In his early childhood his mother cared for and taught him. At an early age she handed him over to the care of Eli to minister unto the Lord in the Tabernacle. While he was thus engaged God called him. He responded to this call and spent a long life in useful service to God and his nation as judge and prophet. Our lesson today is his farewell address.

1. Samuel's Challenge to the People (vv. 1-5).

1. Reminder of the way the king had been given (v. 1). He showed that they were directly responsible for the change in government. Though keenly feeling the reflection upon himself, and their ingratitude to God in their demand for a king, he had not resisted their wish.

2. Review of his own administration (vv. 2, 3).

(1) Walk from childhood (v. 2). Samuel's was a remarkable life; from childhood to old age he had lived an upright and pure life. (2) Career as judge and ruler (v. 3). He boldly challenged them to show where and how he had even in the smallest matters defrauded or oppressed anyone.

3. The vote of confidence by the people (vv. 4, 5).

It was Samuel's right as he laid down the reins of government to have his record vindicated and to have his integrity established beyond a doubt, so that no evil-minded man could ever be able to cast reproach upon him.

II. Samuel Reviews God's Dealing From the Time of Moses (vv. 6-15).

He reasoned with them concerning the good hand of the Lord upon them from the time of Moses. Though they with ingratitude turned from the Lord and demanded a king like the other nations, He had acceded to their request and set a king over them.

1. National prosperity conditioned by obedience (v. 14).

Though they had displeased God in choosing a king, if they would fear the Lord and render obedience, national prosperity would still be given. Would that the nations today could see that obedience to God is the only way to prosperity! Nations should find out God's will and then bring themselves into harmony therewith. God's law must be obeyed by the rulers as well as the subjects.

2. Disobedience to God meant the nation's ruin (v. 15).

It is folly to ask God's blessing upon a nation while it is living in rebellion against Him. True statesmanship is to find out God's will concerning the nation and so direct that in all its laws and customs there may be harmony with that will.

III. Samuel's Own Vindication (vv. 16-19).

This was such a critical hour in the history of the nation that Samuel sought to indelibly impress its meaning on their hearts. This he did by means of the thunder and rain out of season. Harvest time was not the season for thunder and rain, so when it came at the call of Samuel the people were affrighted. They saw it as an example of God's mighty power which, if directed against them, would destroy them in an instant.

IV. Samuel's Gracious Response (vv. 20-25).

1. "Fear not—serve the Lord with all your heart" (vv. 20-22). Samuel did not minimize their sin, but assured them that if they would serve the Lord wholeheartedly He would not forsake them. The ground of their hope was in the faithfulness of God in keeping His covenant, "For His name's sake" shows that God's honor is at stake.

"God forbid that I should sin against the Lord in ceasing to pray for you" (v. 23). Though the people had rejected Samuel, yet he had such magnanimity of soul that he has not allowed their ingratitude to stop his intercession for them. Such failure he regarded as sin for himself. He assured them that in spite of their sin their one concern should be to fear the Lord and serve Him wholeheartedly.

Be Ready to Act

Doors are opening or closing all the time in life, and what they will do for you depends on the way you grasp or fail to grasp the opportunities that come to you. Be watchful; be ready to act.—Maltbie D. Babcock.

Influence

Influence depends less on our activities than on the qualities that lie behind our activities, as the planet attracts, not by its motion, but by its weight.—Thomas Starr King.

SOUTH-WEST NEWS NOTES

Nicholas Sanchez was killed near Santa Fe when the truck he was driving rolled over an embankment.

A standard drilling rig has been trucked from Gallup by the Huntington Park Co., to drill in the Blanco oil district near Farmington.

The annual convention of the New Mexico Dental Society at Roswell was the most successful dentist's convention ever held in New Mexico.

Contracts for the purchase of Thompson seedless grapes from four Yuma mesa vineyards at \$200 per ton on the vine were announced recently.

Crops around Vaughn, New Mexico, are reported late but promising to make good. Grass has developed in excellent shape and cattle and sheep are going fine.

An increase of seven and one-half per cent in pay for 125 Southern Pacific firemen at Tucson was recently announced. The increase will be retroactive to March 1, 1927.

But one tourist was prosecuted during the past spring for negligence which resulted in forest fires, according to a forest service report completed in Santa Fe a few days ago.

Drilling has been resumed at the Utah Petroleum Company well four miles east of Bowie, following the repair of a broken cable by bringing a section from the Wilcox well, now shut down.

Plans for a new public market, primarily intended to give Salt River valley farmers direct contact with their buying public, were announced in Phoenix recently by William P. McNeely and P. Dickerson.

Miami was the 1928 convention city selected at Springville for the tenth annual meeting of the Arizona department, American Legion, the date to be determined later. Superior and Williams were rival cities.

Fire of undetermined origin completely destroyed the picturesque bungalow residence of Lester Kufner, prominent Prescott citizen and former district governor of Rotary International in Arizona, at a loss of \$25,000.

With a strong showing of oil reported at 1,845 feet mixture taken from the bore being half oil and half water, the Williams well in McKinley county is believed to be a producer, according to Frank Stapin, one of the company officials.

Matthew Kimes, gunman of Oklahoma, sought in connection with the slaying of W. K. McAnnally, chief of police at Beggs, Okla., was captured at Grand Canon by Sheriff J. O. Parsons of Cocolino county and a posse of about thirty men on a tip furnished by Okmulgee, Okla., officials.

Robert C. Howell, president of the Mexico-Arizona Trading Company, one of the largest tomato growers and shippers on the west coast of Mexico, was murdered on his ranch at Los Mochis, Sinaloa, Mexico, by a Chinese grower, Felipe Chan, according to word received in Nogales by the Herald.

J. T. Ashurst, former cashier of the defunct State Bank of Gadsden, Ariz., pleaded not guilty when he was arraigned in the Superior Court in Yuma on four charges of embezzlement filed in connection with the failure of the bank, Oct. 3 was set as the date of Ashurst's trial on two of the counts.

One man is dead in Santa Fe and another in a serious condition as the result of an automobile accident on the Las Vegas-Santa Fe highway. James Howe of Las Vegas is the dead man. His death was almost instantaneous when his automobile overturned at an embankment near the Arroyo Hondo.

Refusal of District Judge Reed Hollowman to admit an alleged confession of Antonio Cortez de Montoya and Juan Rivera, standing trial together with Juan Rivera at Santa Fe for the alleged murder of the woman's husband, caused the failure of the state's case, with the result that a verdict of not guilty was brought in.

All evidence against Adolfo de La Huerta, Louis Gayou, his secretary, and Francisco Ferriz, who are charged with conspiracy and with attempted exportation of war munitions into Mexico in violation of the American neutrality law, has been transferred from Tucson to the federal authorities at Los Angeles by Assistant District Attorney Carl Tisor.

With from 70 to 80 per cent of the trout fishing streams and lakes of the state privately owned, and subject to being posted at any time, the sportsmen of New Mexico face a serious situation. This was the message to the meeting of the Colfax County Game Protective Association held in the Moreno valley of E. L. Perry, state game warden.

The Aztec Development Company, a Colorado concern, was recently given a certificate to do business in New Mexico. Claude T. Smith of Aztec was named agent. The company has an authorized capital stock of \$50,000 of which \$24,800 is actually issued.

The heavy rains and hail which fell on the plains in the Lovington section proved disastrous to the owners of several flocks of sheep recently. John Dean, a ranchman in that section, reported that sixty ewes and a large number of lambs were killed as a result of freezing.

Adrift With Humor

BREAKING IT GENTLY

Murphy had been careless in handling the blasting powder in the quarry, and Duffy had been deputed to break the news gently to the widow.

"Mrs. Murphy," said he, "isn't it today the fellow calls for the weekly payment for Murphy's life insurance?" "It is," answered Mrs. Murphy. "Well, now, a word in your ear," said Duffy. "Sure ye can snap your fingers at the fellow today."

HINTS TO FLAPPERS



"Never put up a poor mouth to your sweetie."

Versatile Chicken

Had an old hen. Her name was Enza; when I raised the kitchen window—Influenza.

Help Wanted

Man of the House—Don't say anything to your mistress, cook, but have you a policeman calling on you in the kitchen?

Cook—No, sir. Man of the House—Well, try to get one. We must have somebody to help eat up the cold ham.—Pathfinder.

Valuable Obligation

"Do you recall the days you spent at college with pleasure?" "Yes," answered Senator Sorghum. "They brought me many valuable experiences. The professors who loved a baseball game more than they did the classroom taught me a lot about human nature."—Washington Star.

Happy World

Jerry—the landlord says if the rent isn't paid by Saturday—out we go. Ted—Saturday! Fine. That gives us nothing to worry about for five days."

The First Qualification

"That boy of ours will be a big executive some day." "What makes you think so?" "It takes him so long to eat his lunch."

DOUBTING HIS JUDGMENT



Sire—Remember, my son, in all your dealings honesty is the best policy. Son—But, dad, have you tried it enough to be sure?

Liberal Terms

The big hotel has splendid style. And he who cannot pay the rent may stand outside and look a while. And not be charged a single cent.

Always a Chance

Elder Sister—I suppose some day some man will come along and ask me to marry him. Younger Sister—Oh, I wouldn't wonder—there seems to be a great demand for antiques nowadays.

Irresistible

"However did you manage to reconcile Mudge and Marie?" "I gave them a choice bit of gossip and asked them not to repeat it to each other."

Ever Notice?

Simpson—the newspaper printed your letter, didn't it? What makes you think the editors didn't agree with the statements you made? Sanson—They didn't correct the grammatical errors in it—or the misspelled words.

Fourth Degree

He—Was Jones a popular man? She—When he died the coroner's jury returned a verdict of "Justifiable suicide."

Selwood of Sleepy Cat

By FRANK H. SPEARMAN

WNU Service.

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CHAPTER XIII—Continued

Selwood was already in Scott's rig. "Nothing is sure, John," he retorted amiably. "When my time comes, it comes."

"As McAlpin would say, you're talking like a blamed fool, John," rejoined Lefever.

Pardaloe granted. "I'd say you're talking like one yourself, John Lefever, if I didn't owe you sixty dollars. That is," he mumbled, "if you think you can make Selwood change his mind by talking to him. If you're ready," he snapped at Selwood, looking around for his trusty shotgun, "let's go."

Selwood led the way out of the harness-room through the office and down the dark gangway to the back door of the barn. Lefever, still persisting in protest and caution, fastened the door behind the four men.

"Separating as they left the barn, Pardaloe and Scott, and Selwood and Bull Page—a definite rendezvous named—worked their way down-town. Surprised at the lull in the fighting, they could only surmise that the Vigilantes were still at bay, with the gamblers still celebrating their victory.

The men stationed outside to guard Bartoe's place, the remaining resort on the river front, offered little impediment to a reasonably close approach. But Selwood, on one side, worked his way between the guards and the building, only to find that some one had sensibly drawn every window curtain and where there were shutters had closed every shutter.

Selwood joined Pardaloe where the latter awaited him on the river bank. "They've got it well hooked up, Bill," he said, looking toward the lone building where all was darkness save when a streak of light shot from the front door as it was opened. "I counted five men outside."

Pardaloe corrected him. "Count four now," he said with a certain grimness. "Rolled one of 'em down the river bank."

"You didn't kill him?"

"Choked him a little, that's all. No," he repeated indignantly, answering a second pointed question, "I didn't kill him. He's just gagged, and tied up tighter'n a bull's eye in fly time. If he wasn't fool enough to roll him into the river when I started him he's all right. Now, speakin' of plans: I've got 'em laid out for this place, John."

"What are they?"

"Why, simple: I'll fire the back of the place and you pick 'em off when they run out the front. What?"

"Bill," said Selwood impatiently, "I don't know who's in there. If I did I'm not a public executioner. I'm not a Vigilante. I'm just a plain gambler—not a butcher. And how," he continued, overriding Pardaloe's indignation, "do I know Starbuck isn't holding Christie Fyler or her father prisoner in there?"

Pardaloe drew a breath. "To tell the truth," he confessed, "I didn't think about her; the old man wouldn't make so much difference."

Selwood regarded the dim, forbidding outline of the tightly closed, ill-favored joint with half-closed longing eyes. "Before we do anything else, I'm going to take a look inside. I want to see just who's there—and what they're doing. Bill, we can talk a plan over afterward."

Pardaloe put some useless warning and much fervent scepticism into one ironical word, "Maybe!"

"Of course it's only 'maybe,'" admitted Selwood, not unamiably. "Got any whisky with you, Bill?"

Pardaloe, after having so lately declared that no one could gauge Selwood in his decisions, tried valiantly to dissuade him from the undertaking. It was hopeless, he knew. But there was one thing Pardaloe could do—that was, obey orders.

A few minutes later, a man meek under the influence of liquor, if one's nose could be trusted, for he strongly smelled of it, approached unsteadily the front door of the Bartoe place. In size, but in no other way, he resembled Selwood. Near the door two men demanded his business, denied him entrance, and when he staggered toward the door itself, insisting he would have a drink, one of the guards, seizing him by the throat, threw him with brutal indifference backward into the street, where he fell prone and lay muttering to himself.

Presently he began to sing somewhat uncertainly a teamster's song. But the more he sang, the better, apparently, he liked the idea, for the longer he sang, the louder he sang, much to the annoyance of the truculent guard, who finally strode toward him with a curse to silence him—falling in his eagerness to note that the drunken man now lay much farther out in the street than he had been thrown. In the darkness he reached the object of his wrath, lying prone, and tried to kick it into silence. Beyond that point of the action, he had, afterward, for some time but the haziest recollection. His foot was caught in the air, he was snapped violently backward, and before he could utter even a warning cry, his head struck the ground like a stone. Two minutes

afterward, still unconscious, he lay gagged and bound, stripped of his two guns and hat and coat, and rolled to one side into the ashes.

The guard at the door had fared in the brief interval rather worse than better. Pardaloe timed his action to the thud he heard when the singing stopped; slipping up from behind like a mountain lion, he clapped one big hand over the second man's mouth, and with his other hand caught his victim's wrist in a vise; the next moment he had doubled him up in a bear hug and choked him into complete silence.

When the men were secured, Pardaloe dragged his prisoner, bound, around the corner of the building, arched himself, as far as he could get into them, in the accoutrements of his victim. Selwood, his face smeared with ashes, ran up. Not losing a moment, he whistled into the night for Bull Page, who, across the street, was awaiting his signal. "Now, Bull," he murmured, as the old man hastened to him, "for a look at the inside!"

Bull caught hold of the iron latch-handle and pulled at the door. It resisted. Either bolted or barred on the inside, his efforts made no impression on it.

"Stand aside, Bull," said Selwood. He tried the latch, in turn, and, using more force when less failed, jerked at the door violently; still unsuccessful, he pounded on it with his fist.

A watchman within unbarred and opened the door a few cautious inches. Selwood, under the hat of the fallen guard, thrust forward his head. "It's Bull Page. Let him in! He's got a message for Starbuck."

The watchman took no chances. "Hold on," he exclaimed gruffly, and at once slammed the door shut and barred it. While Selwood waited his return—with perhaps more impatience than Bull, who must have felt that to oblige a friend he was taking a good chance of getting shot—the watchman took counsel. He opened the door again presently and with the same caution. "Come in, Bull."

Selwood in the interval had thrown away the guard's hat and put on the extra cap pulled from one of his numerous pockets; and when the watchman opened the door wide enough for Bull to enter, he attempted to walk in behind him. The vigilant guard pushed him out again. "No, you don't—"

Bull raised his quavering voice. "His all right—he's my partner—"

"Keep out!" exclaimed the watchman, shoving Selwood roughly back as he tried to edge through the half-open door.

"But he's got news Starbuck wants," persisted Bull, to whom the thought of entering the wolves' den alone was much more repugnant than that of making an appearance under the wing of a man who could at least shoot if shot at.

"No, you don't," persisted the door-keeper with a truculent aspect. "You come in, Bull Page—nobody else." With that, he jerked Bull in by the coat collar, and banged the door in Selwood's face.

The gambler took the rebuff impassively. Bull had his instructions; he was to tell Starbuck Selwood wanted to see him at the barn—and was likely to get rough handling for his pains. Outside the evil joint, Selwood felt he held at least one portal and could afford to wait.

But he was beginning to count Bull's effort a failure and was trying to devise a new scheme when, after what seemed a long interval, the door was opened again. Selwood, as he saw Harry Barbanet coming out, followed by Bull Page, slunk into the shadow. Barbanet, sober, alert, suspicious, was the one man in the place that Selwood had most hoped not to encounter, for none, he felt, of the wolves within would so quickly penetrate his rude disguise. As the two men emerged, he retreated.

Bull looked vacantly around in the darkness as if to get his bearings. "He's here," declared Page in his trembling voice, trying as he spoke to penetrate the shadows. "I know that much; or was a minute ago—he'll help, if I can find him."

"You won't need any help," insisted the busy bartender, scornfully. "They're all locked up together right inside here, back of the barber shop. Get old Fyler out the back door, tell him you'll help 'em get away, him first. He'll go out with you because he knows you—all you've got to do is throw him into the river. Starbuck wants to get rid of him—you'll get paid."

"The old man's wily," objected Bull, spinning out the talk. "I want my partner outside the back door, so the old man don't throw me in. Of course, I'll try it alone if you say so, but if my partner—"

An outburst from Barbanet cut short the talk; Bull had said all he wanted to say, anyway. But, still mauling on, he was unceremoniously pushed through the partly open door back into the room. Selwood slipped around the corner to where Pardaloe, close to a window, was impatiently awaiting action. Selwood repeated what he had heard, directed

him to watch the back door of the barber shop, take any necessary measures, and to detain Fyler till Selwood could get back to him.

"Say the word," said Pardaloe, "and I'll fire the whole dashed joint. I've got everything laid right here, and good tinder to do it with."

"Don't set this place on fire till we get everybody out of it," exclaimed Selwood. "I must see the inside of the place. I can't plan anything in the dark."

"Here's a sash loose," mumbled Pardaloe, barked off his prey. "right here. Why don't you—"

Selwood, knowing the general layout of the inside of the big room, jumped at the chance. "There's a curtain in front of it," continued Pardaloe.

"Out with the sash," said Selwood instantly. "Easy, Bill."

It needed no more than the prying off of a sash-top, which Pardaloe managed with the blade of his bowie-knife, without making much noise. He lifted aside the sash. A curtain, tacked up inside, covered the window opening; and while Pardaloe noiselessly set down the sash, Selwood caught an edge of the curtain in his fingers and peered inside.

It looked like a fair chance. The corner was not dark, but it was not brightly lighted. A table stood close to the side of the window through which Selwood was looking. On one side of the table sat a man leaning forward, with his head buried in his arms, as if asleep. His hat lay on the table. Selwood watched him pretty closely for a moment—he was the nearest element of danger—but reached the conclusion he was stupid with drink. The curtain was short. Hung from hooks at the upper corner, it reached only to the window apron. Selwood could see men standing in small groups not ten feet away, but the entire room, probably for reasons of safety, was only meagerly lighted.

The gambler thought he could make it. He whispered brief instructions to Pardaloe.

"If you don't hear any shooting, Bill, you'll know I'm moving safe. If you hear one shot, just pay no attention. Have your shotgun up here on the sill; the instant you hear two shots, fire one barrel at that big lamp." Selwood pointed to the lamp hanging in the front end of the room. "Let the other barrel go into the middle of the crowd—that will give me a chance for the front door."

"John, I might hit y'," objected Pardaloe in a ferocious whisper.

"If I'm in that crowd, Bill, after two shots are fired, a few buckshot more or less won't hurt my feelings," said Selwood reassuringly. "Just let go quick at that lamp—that's the main thing. I'll make what noise I can with my gun to help you out. Now set down your gun and give me a lift—I must get in there with my back to the window and both hands free."

The mule boss took him under the armpits, that Selwood's hands might be free, lifted him, and the next moment Selwood, watching the nearest men closely, stood inside the room with his feet on the floor. Pardaloe quickly relung the curtain.

It was the work of the next moment for Selwood to reel to and sink into an empty chair opposite the sleepy man, and peering from under his cap, to study the scene.

The interior of the place, of notorious repute even among case-hardened men, was not wholly unfamiliar to Selwood, nor had it changed much in the long interval since he had seen it. Neither Buntz nor Atkins was in sight, and Selwood's nervous glance searched the room vainly for a slight of the one man he had taken a desperate chance to see—Starbuck. Men came at intervals out of the back room, but each one closed the door most carefully behind him. It was there, Selwood soon found reason to believe, that the leaders were closeted.

To attempt the luncheon room meant, he knew, a showdown. Whatever eyes might be fooled in the front room, those in the back room would not be long in discovering his identity. But with a fatality either temperament or due to his chance-taking career, Selwood made ready to penetrate the second room in a search for Starbuck.

He pushed guardedly at the head of the man opposite him and found after a little fussing that he was fast asleep. The man wore about his neck a bandanna kerchief, and this, Selwood, keeping his eyes well on those about him, gradually disengaged with one hand—twisting it around to where he could loose the knot and draw it from the man's neck. His victim having taken this liberty good-naturedly, Selwood doffed McAlpin's queer-looking cap at a moment that no eyes were turned his way, and after another moment tried on the sleeping man's hat. It fitted well enough, and he did not take it off; but proceeding slowly, keeping a clear eye on the men nearest, and handling his right forearm as if wounded, Selwood slipped one arm and then the other out of the coat

he wore, and laid the purloined neckerchief over the right forearm.

Drawing his revolver from the scabbard in which he had replaced it when sitting down, Selwood, with the grip of the gun in his right hand, wrapped the kerchief loosely over hand and gun together. When arranged to his liking, he drew his small hunting-knife, and gradually slit the bandage on the lower side from end to end, so that it lay hiding his revolver, but ready to jerk off with his free hand. Putting away the knife, he rose and, facing the room, reached with his left hand up behind him and jerked down the window curtain. Sitting down again, he made a rude sling of the curtain, hung it from his neck under his right wrist, and with his left hand slipped his coat back again over his shoulders. Sitting now quite at ease, he drew a leaf of cigarette paper from a waistcoat pocket, laid it on the table, fished a tiny bag of tobacco from a coat pocket, opened it between his teeth and with his left hand, taking advantage of that proceeding to take an extra good look at the men in front of him, rolled his cigarette awkwardly on the table before him, pushed it between his lips, and rose to his feet. He drew his hat-brim evenly down, so it was neither high nor low, but exactly shaded his eyes where he stood, and with the cigarette hanging from his lip, moved toward a noisy group of men and asked the nearest one for a match.

Passing this inspection proved easy. He moved from one to another of the talking groups—some of the men were examining revolvers, others stowing

him to stop, and attempted to turn in behind the bar. At this juncture Selwood in turn caught Barbanet's arm and stopped him.

"Don't bother, Harry; you won't need that gun. Face about—keep straight ahead."

Barbanet felt the quick and unpleasant sensation of a revolver muzzle held to the small of his back. A hand with fingers like steel slipped down his forearm and over his left wrist. Without trying to turn his body, he looked back over his shoulder, surprised, but making no pretense of not knowing who spoke.

"First time I've seen you tonight, John," he remarked, quite undisturbed by this situation.

"No," retorted Selwood in like tones, "this is the second time, Harry."

"I noticed you had a long arm on when I passed you," responded Barbanet, less amiably.

"Not for my friends, Harry—there's a good many strangers in town tonight. Open the barber-shop door, Harry—do it quick."

"There's two men behind it with shotguns."

"They're friendly—you're walking right in there ahead of me. Go on! The way we stand now, there's not a man in this room that could tell whose gun went off if you got hurt, Harry. Open that door."

No frontier crook in his senses would choose certain death before a fighting chance. Barbanet knew perfectly well the alternative. Selwood might not himself escape, but his fate would no longer interest Harry. With ill grace, but without imprudent delay, Barbanet advanced to the door, his left wrist gripped in Selwood's left hand.

"Keys in my left-hand pants pocket. Let loose my wrist."

"What's a right-hand man doing with a key in his left-hand pocket?" asked Selwood. "Page," he added, pulling Barbanet's arm back, "take the key out of Barbanet's right pants pocket and unlock that door, quick."

"Page," interjected Barbanet, jerking the words out viciously, "you'd better keep out of this."

Bull Page grinned brokenly. Perhaps the remembrance of old abuse at Barbanet's hands—the times he had come thirsty and broke, and gone from Barbanet's bar thirsty and broke, decided him. At all events, after a rapid search, Bull found the key in Barbanet's right-hand trousers pocket, unlocked the door, pushed it open, and Barbanet, followed by Selwood and Bull, passed through into the barber-shop.

(TO BE CONTINUED.)

Proud Metropolis Got Title From Royalty

The infant settlement of New Amsterdam was still in its swaddling clothes when across the sea, in the palace of the English king, Baby Stuart passed to Anthony Van Dyke for the first little portrait that has become so widely known and beloved. The "Stuart Baby," second son of Charles I of England and Henrietta Maria, had no thought then that the struggling village, one day to be the pride of the Western world—would years later be named in his honor.

This child, who in his turn succeeded to the English throne as James II, was at nine years old, created duke of York and Albany. Upon reaching manhood he precipitated himself into

various wars, all of which he came through with a reputation for brilliant personal courage.

In 1694 Charles granted New Netherlands to the duke of York, and an English force under Col. Richard Nicolls took possession of the city, naming it New York in his honor. Subsequently the Dutch recaptured the province, but the English quickly took it away from them again, restoring the name of the Stuart prince.—Mentor Magazine.

Valuable Wood
Bird's-eye maple is found from Newfoundland to Georgia and westward to the northern shores of the Great lakes, eastern Nebraska and Kansas. When the grain has a pronounced wavy appearance the wood is called bird's-eye maple and is used as a veneer. The forest service says that there is a parasitic growth that gets into the wood of the maple and causes a swelling, which when cut off straight by the saw appears as eyes. This does not harm the wood but makes it more valuable. Generally speaking, this wood is scarce.

Pretty Sure Sign
"What makes you think your husband doesn't love you any more?" "He's beginning to tell me how much he does."—Boston Transcript.



Selwood Watched Him Pretty Closely for a Moment.

cast among outcasts, Selwood would have risked his life that Bull, drunk or sober, would not betray him. The question that rankled in his mind was: Had Barbanet in that brief, piercing glance discovered him? Was it imagination that was already trickling him into thinking so? He could not be sure. But some instinct told him he had been detected and must measure accordingly. The next moment Barbanet, now following Page, passed Selwood without noticing him—and so close on his left that he brushed him with an impatient shoulder.

It needed only an instant for Selwood to reason that this was precisely the way he himself should have acted if positions were reversed; and he knew Barbanet's astuteness too well to believe he would act in the circumstances, any differently.

Without hesitation, Selwood, taking advantage of Barbanet's broad shoulder, turned promptly to the left, and, falling into step, walked on directly behind the two—third and last man in a procession heading straight for the lower end of the bar.

It seemed strange to find himself heading so briskly in such company and at such a businesslike gait for a corner of the room that he had so good reason to remember. The old archway had been boarded up, and a batten door had been set roughly into it to lead into the barber shop; it was for this door that Barbanet was heading.

Nothing could have suited Selwood better. But just before reaching the door, Barbanet caught Page's arm, told him to stop, and attempted to turn in behind the bar. At this juncture Selwood in turn caught Barbanet's arm and stopped him.

"Don't bother, Harry; you won't need that gun. Face about—keep straight ahead."

Barbanet felt the quick and unpleasant sensation of a revolver muzzle held to the small of his back. A hand with fingers like steel slipped down his forearm and over his left wrist. Without trying to turn his body, he looked back over his shoulder, surprised, but making no pretense of not knowing who spoke.

"First time I've seen you tonight, John," he remarked, quite undisturbed by this situation.

"No," retorted Selwood in like tones, "this is the second time, Harry."

"I noticed you had a long arm on when I passed you," responded Barbanet, less amiably.

"Not for my friends, Harry—there's a good many strangers in town tonight. Open the barber-shop door, Harry—do it quick."

"There's two men behind it with shotguns."

"They're friendly—you're walking right in there ahead of me. Go on! The way we stand now, there's not a man in this room that could tell whose gun went off if you got hurt, Harry. Open that door."

No frontier crook in his senses would choose certain death before a fighting chance. Barbanet knew perfectly well the alternative. Selwood might not himself escape, but his fate would no longer interest Harry. With ill grace, but without imprudent delay, Barbanet advanced to the door, his left wrist gripped in Selwood's left hand.

"Keys in my left-hand pants pocket. Let loose my wrist."

"What's a right-hand man doing with a key in his left-hand pocket?" asked Selwood. "Page," he added, pulling Barbanet's arm back, "take the key out of Barbanet's right pants pocket and unlock that door, quick."

"Page," interjected Barbanet, jerking the words out viciously, "you'd better keep out of this."

Bull Page grinned brokenly. Perhaps the remembrance of old abuse at Barbanet's hands—the times he had come thirsty and broke, and gone from Barbanet's bar thirsty and broke, decided him. At all events, after a rapid search, Bull found the key in Barbanet's right-hand trousers pocket, unlocked the door, pushed it open, and Barbanet, followed by Selwood and Bull, passed through into the barber-shop.

(TO BE CONTINUED.)

Colors by Wireless
Pictures in three or more colors can now be transmitted by wireless and reproduced, with delicate shadings. Engineers have been experimenting for a year on colored telephotos on the same principle as black and white photos. Separate transmission is necessary for each color.

Fresh Fruit
"Poor Alice! And her husband used to tell her she was the apple of his eye."
"What's happened?"
"He's discarded her for a peach,"—Boston Transcript.

Not a Matter of Mind
"There's one time when a man's brains don't count."
"When is that?"
"When he's punching an adding machine."—Good Hardware.

Of the Same Mind
Henry—Professor Jardinsky thinks four hours' sleep is enough for anybody.
Teddy—Our baby agrees with the prof.

Gratis
"You're a free thinker, eh?"
"I guess that's what you'd call it. Nobody pays me for it."

Bell-Ans Universally Used
Friend Tells Friend of This Wonderful SURE RELIEF for Indigestion Samples on Request

For correcting over-acidity, normalizing digestion and quickly relieving belching, gas, sourness, heartburn, nausea and other digestive disorders. The great value of BELL-ANS has been proved by over 30 years' use. Doctors, Nurses and Dentists recommend this tested Safe, Pleasant, Sure Relief for Indigestion. Not a laxative. Send for free samples to: Bell & Co., Inc., Orangeburg, N. Y.—Adv.

No Mating for Her
Nanette—Has Tom a nest ready?
Annette—Yes, he thinks I'm cuckoo enough to marry him.

Burglars Around
"That fellow steals a lot of bases."
"Yeh, maybe we'd better lock up the plate."

A deed has been drawn in Bangor, Maine, for a parcel of land with a street frontage of five inches and a depth of 100 feet.

Lord, give us insight as well as good intent; especially in the making of laws.

A farmer can make grass grow; and he doesn't understand why city folks can't.

The less money a woman has to spend the more she talks shop.

It's pretty hard to be good-natured and dishonest at the same time.

A miser and a pauper undergo the same privations, but the miser gets enjoyment out of his.

A cricket makes more noise than a hornet and commands less respect.

IS A HEALTHIER STRONGER GIRL

Because She Took Lydia E. Pinkham's Vegetable Compound

The fertile valleys of Oregon help to supply the tables of America. This is possible through the magic of the humble tin can.

In one of the canning establishments, Julia Schmidt was employed. It was complicated work because she did sealing and other parts of the work. It was strenuous work and she was not a strong girl. Often she forced herself to work when she was hardly able to sit at her machine. At times she would have to stay at home for she was so weak she could hardly walk. For five years she was in this weakened condition.

She tried various medicines. At last, a friend of hers spoke of Lydia E. Pinkham's Vegetable Compound and she gave it a trial.

"Everyone says I am a healthier and stronger girl," she writes. "I am recommending the Vegetable Compound to all my friends who tell me how they suffer and I am willing to answer letters from women asking about it." Julia Schmidt's address is 115 Willow St., Silverton, Oregon.

Girls who work in factories know just how Miss Schmidt felt. Perhaps they, too, will find better health by taking the Vegetable Compound.



W. N. U., DENVER, NO. 28-1927.

Defining Them
"Pa," asked little Lester Livermore, "what is an optimist?"
"An optimist, my son," replied sage Mr. Livermore, "is a man who lends his umbrella."
"And what is a pessimist, pa?"
"The same man after he has lent his umbrella."—Kansas City Star.

Strange!
"Who tied your tie?"
"Why?"
"It looks like a foreign hand."

A miser and a pauper undergo the same privations, but the miser gets enjoyment out of his.

A cricket makes more noise than a hornet and commands less respect.

Genuine BAYER ASPIRIN

SAY "BAYER ASPIRIN" and INSIST!

Unless you see the "Bayer Cross" on tablets you are not getting the genuine Bayer Aspirin proved safe by millions and prescribed by physicians for 25 years.

DOES NOT AFFECT THE HEART

Safe Accept only "Bayer" package which contains proven directions. Handy "Bayer" boxes of 12 tablets. Also bottles of 24 and 100—Druggists.

Aspirin is the trade mark of Bayer Manufacture of Monocetate of Salicylic Acid

The soul never grows old.—Longfellow. The great obstacle to progress is prejudice.—Bovey. The sound must seem an echo to the sense.—Pope. What sweet delight a quiet life affords!—Drummond.

"At your mercy"

USE BLACK FLAG—not a single fly, mosquito or ant escapes alive. Kills other household bugs, too. Sold at drug, grocery, hardware and department stores. Powder 15c up, and

only **25¢** for the 1/2 pint LIQUID

Pint . . . 45c
Quart . . . 85c

BLACK FLAG POWDER LIQUID KILLS INSECTS

© 1917, Black Flag Co.

PARIS SAYS VELVET HANDBAGS; FROCKS OF ALL-OVER LACE

COMES now another thrill into the scheme of summer accessories, both beautiful and fashionable—the velvet hand bag. These chic envelope purses and hand bags, styled of velvet in all-black or in enchanting pastel shades, lend an entrancing note to the midsummer costume.

It was a stroke of genius on the part of an artist-born creator of things lovely, who one day in Paris set the fashion of carrying a black velvet hand bag with the summer beflowered

ed for, this almost unprecedented popularity of lace, when we remember that the present-day trend in the fashionable world is frankly toward a more feminine styling than has existed for many a season. So there we have it—lace and the eternal feminine—which is ever and for all time a truism of the mode.

Between many laces, choose the loveliest, this is the complex confronting fashion's followers today. It requires a fine gift of discrimination to be able



A MESSAGE FROM PARIS

frock. And now there is every promise of a hue and clamor for velvet hand bags throughout the fashion centers of the world—and the vogue is only at its beginning.

Elegance is the keynote to the velvet bag which has become a part of the summer ensemble. These new envelope purses and hand bags are 100 per cent exquisite even to the slightest detail of their finely wrought metal finishings. And their linings! To see within one of these soft-shirred bags is like looking into the heart of a flower so dainty in its colorings and all that goes toward achieving an esthetic effect.

The vogue for matching the bag to some detail of the costume and especially to millinery is charmingly interpreted with velvet as the medium. With the sheer midsummer frock there is nothing prettier than the picturesque pastel-colored crin capelines handed with velvet ribbon of the same

to select one from among a galaxy of lace gowns, each of which seems prettier than the other. There are the modish all-black lace transparencies which pose so alluringly over pink silken slips, competing with delicate beige lace frocks, filmy as a fleeting summer cloud, and—glory of lace glories—those pastel-tinted lace gowns, which have just recently entered the list.

The fashioning of the lace gown is about as varied as are the types of lace from which to choose. A model which is as practical as it is charming, follows the redingote silhouette. The beauty of this version of the lace dress is that it can be worn over any colored slip, being detachable and an entirely separate proposition. See the winsomeness of this style in the picture to the right. Such a garment made of crepe or beige chintilly lace is effective over either a self-colored underfrock or over one of pale pink



TWO PRETTY AFTERNOON FROCKS

color, the velvet hand bag repeating the identical shade.

A combination extremely flattering to the lace or chiffon frock is that of the velvet hand bag matched to the velvet shoulder flower. Other clever accessory sets include a velvet sleeveless jacket with a velvet-banded hat. Recently narrow pastel velvet belts have made their appearance.

The importance of velvet as a summer item is very apparent. According to the prophecy of fashion seers, its presence; favor is but a prologue to the prominent part which it will play in autumn styles.

The mode is reveling in lace. It is lace for the frock, and lace for the blouse, wraps all of lace, hats of lace, too, and if you please, lace parasols for this summer. It is easily account-

in fact it may be worn to advantage over any pastel shade. Note the wide insertion of lace embellishing the parasol.

The frock to the left demonstrates the beauty of a summer frock which adds a wrap of self-toned chiffon with lace in a delicate tan. To many the lace-trimmed chiffon frock is of more alluring appeal than the dress of all lace. An interesting style item in connection with this model is the flowing sleeve achieved by sewing on a wide flare of the lace. Skirts which accent wide lace flouncings as here pictured are also in favor with the mode.

In millinery a smart item is the fed hat with insets of self-colored or contrasting lace. Also the eyebrow veil of dainty lace is in fashion.

JULIA BOTTOMLEY.
(© 1927, by Western Newspaper Union.)

The Kitchen Cabinet

(© 1927, Western Newspaper Union.)
Who shall have vision to pierce the mist
Enshrouding the common thing,
Or see in the dark hour sorrow
kissed,
The gleam of an angel's wing?
The world is wide, and the world is old;
Its mysteries pass our ken;
And only to God are the secrets told
Which live in the hearts of men.
—Christine Davis.

GOOD THINGS WE LIKE

Here is a dainty which is considered very choice by others than the Scotch:

Scotch Short Bread.—Beat one cupful of butter to a cream, add one-half cupful of light-brown sugar, then work in four cupfuls of pastry flour. If the flour has been warmed slightly it will work more easily. Form the mixture into two flat cakes, seven inches in diameter. Decorate the edge by crimping and prick all over with a fork. Sprinkle the top with caraway seeds, candied cherries and preserved citron. Bake in a slow oven.

Marshmallow Cream.—Soften one teaspoonful of gelatin in two tablespoonfuls of cold milk, then dissolve over boiling water. Add one-half cupful of sugar and one cupful of double cream and beat until firm. Beat the white of a small egg, then fold in the cream with one-half teaspoonful of vanilla, half of a quarter-pound box of marshmallows cut into quarters, one-half cupful of skinned grapes seeded and one banana cut into cubes and mixed with a tablespoonful of lemon juice. Dispose in glass cups, adding a cherry here and there. Garnish the top with finely chopped nuts and chill before serving.

Curried Shrimps.—Put into a saucepan two tablespoonfuls of butter, add one tablespoonful of minced onion, cook until yellow. Mix one tablespoonful of flour and one-half teaspoonful of curry powder and stir into the hot butter; when well cooked add one cupful of milk and two cupfuls of freshly cooked shrimps. Serve hot with toast or wafers, or with hot rice.

Lemon Honey.—Boil six cupfuls of sugar and one and one-half cupfuls of water six minutes, then add the juice from six lemons, stir and cool. A tablespoonful of this honey is added to the glass of tea as it is served, or it may be passed in a small pitcher and as much used as the taste dictates. This honey will keep for several days in the ice chest, or for weeks if poured into bottles and sealed.

Head Lettuce With Roquefort Dressing.—Mash eight tablespoonfuls of roquefort cheese with one teaspoonful of mustard; add to a good French dressing to which one-fourth of a cupful of chili sauce has been added.

Why Not Serve Shrimps?

One reason for not having shrimps often is the cost. When canned they are not inexpensive. If one is fortunate enough to be able to procure them fresh, it is wise to serve them often. Many who might use fresh shrimps, pass them by because they do not know how to use them.

They should be washed well, then remove the shells with a sharp knife and take out the small vein which runs down to the end of the tail. Boil them for twenty minutes, when they are ready to serve in various ways.

Shrimp Chowder.—Nothing could be more appetizing on a chilly night to serve for supper than this dish of hot chowder: Put a third of a cupful of chopped fat salt pork into a kettle, add a chopped onion or two. When this has browned slightly add one cupful of celery and a quart of boiling water. Cook until the celery is well done, adding a pint of diced potatoes, two teaspoonfuls of salt and a few dashes of pepper. Now add two cupfuls of uncooked shrimps and finish cooking. Just before serving add milk, milk crackers and butter to season if needed.

Baked Shrimps.—Cook a cupful of canned tomatoes until thick, adding salt and pepper to season, with a little onion juice. Put through a sieve. Take two cupfuls of cooked shrimps, place in a buttered baking dish, cover with buttered crumbs and the tomato, adding a few cooked mushrooms. Top with buttered crumbs and bake until thoroughly hot.

Shrimp Canapes.—Hollow out squares of bread to make small boxes two inches square. Dip in melted butter and brown, or toast under the gas flame. Fill with cooked shrimps cut into pieces and dressed with mayonnaise dressing. Garnish with olives.

Fried Shrimps.—Shell and clean raw shrimps, sprinkle with salt and pepper and a little lemon juice. After standing ten minutes dip them into beaten egg and crumbs and fry in deep fat for three minutes. They may be varied by dipping in batter and frying them.

Bananas will be found to be more flavorful if peeled and split, covered with orange or lemon juice for an hour before adding them to the dish of fruit salad or the cocktail.

Don't allow the chicks to become chilled. Keep them growing by feeding wholesome rations.

Remember that crowding means losses with the youngsters. See to it that they have ample room at all times in their brooders or hovers.

Do not feed chicks before they are forty-eight hours old. They will eat and may appear hungry, but they are better off with no other feed than that provided by nature for at least 48 hours after hatching.

Be sure your brooder stove is regulated before chicks are placed under it.

New ground is far safer for chicken ground where poultry has been previously grown.

Plenty of green feed and milk are essential for the natural and normal development of the baby chick.

Don't allow the chicks to become chilled. Keep them growing by feeding wholesome rations.

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POULTRY

CULLING CHICKENS AIDS BUILD FLOCK

It seldom pays to raise a weak or crippled chick. One of the secrets of successful poultry culture lies in discarding weaklings as soon as found. Often the owners of chicks are too "chicken-hearted" to kill weak chicks but they should consider that such action is really more humane than nursing sick or crippled ones along, letting them die later after they have consumed a lot of feed and a lot of labor has been spent on them.

Generally speaking, weak chicks are the result of some specific trouble. Often it is a disease such as white diarrhea or coccidiosis. Both these diseases spread through droppings, and leaving weak chicks in the flock invite further spread of disease. If the trouble is caused by some fault in management or feeding, it is usually best to cull out the weak birds and try and correct the fault.

Culling chicks helps to rid a flock of weak vitality. On several occasions we have had letters from our readers telling about white diarrhea in their chicks this year, and later in the letter they mention that they had a little trouble last year. They have saved birds that recovered from the disease, and they have spread the disease to chicks this year through the egg. These diseased chicks have, in turn, spread the disease to their mates with heavy loss.

Good feeding and management must be combined with culling. Even the best chicks cannot make a satisfactory growth if they do not have the proper feed. Culling helps owners who practice proper feeding and management.

Duck Eggs Incubated in Much Same Way as Hens

Duck eggs are incubated in much the same way as are hen eggs. The temperature of the machine should be kept at 101 to 102 for the first five days, after which it should be kept as near 103 as possible. After the first five days the eggs must be turned and watered daily. A great deal of water is used, many people sprinkling so much on that it runs out of the bottom of the incubator. The period of incubation is 28 days.

A good feed mixture is the following: 200 pounds corn meal, 100 pounds low-grade flour, 100 pounds bran, to which is added 10 per cent of beef scraps. If milk is available, the beef scraps may be reduced. Plenty of sand and green feed should be provided at all times.

Of Much Importance to Keep Chick Rations Dry

Each year finds an increasing number using a factory-mixed or home-mixed mash in the starting and growing of their chicks. The use of a feeder or mash hopper is a part of this method of feeding. If the feeder is placed outside the house it is very important to see that the top and sides of the feeder are tight. Keeping the mash or starter dry is very important. There is nothing worse for young chicks than sour, wet mash. It is frequently a cause of digestive trouble that stunts the growth of a large number of chicks, even if no death loss results.

Chick Precautions

Do not crowd at any time.

Avoid moldy litter or feed of any kind.

Kill all weak, crippled or deformed chicks.

Get chicks out on the ground as soon as possible.

Feed sparingly, but often, during the first two weeks.

Be sure chicks are not chilled while being transferred to brooder.

Be sure the house and all equipment is thoroughly clean and kept clean.

Do not remove chicks from incubators until they are at least thirty-six hours old.

Remember that crowding means losses with the youngsters. See to it that they have ample room at all times in their brooders or hovers.

Do not feed chicks before they are forty-eight hours old. They will eat and may appear hungry, but they are better off with no other feed than that provided by nature for at least 48 hours after hatching.

Be sure your brooder stove is regulated before chicks are placed under it.

New ground is far safer for chicken ground where poultry has been previously grown.

Plenty of green feed and milk are essential for the natural and normal development of the baby chick.

Don't allow the chicks to become chilled. Keep them growing by feeding wholesome rations.

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DADDY'S EVENING FAIRY TALE

by Mary Graham Bonner
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DOLLY'S BIRTHDAY

Now Dolly's birthday is an important event. Perhaps you may think your birthday is far more important and of course it is, to you.

But to Dolly and to Dolly's family her birthday is most important, too—each one almost more important than the last.

It was chilly weather for Dolly's birthday this year, so the celebration was held by the side of the old fireplace.

It had been a long time since the old fireside had taken part in a birthday celebration.

Many other fireplaces had birthday celebrations taking place by them, but not at Dolly's house, for here, almost always, it was warm weather for everyone's birthday.

So the old fireplace rejoiced that it was to have a birthday celebration right by its bright, cheery burning logs of wood.

It almost seemed as though the old fireplace itself should celebrate a birthday. The old fireplace was very old, much older than Dolly, much older than any of the members of the family.

It had taken part in many celebrations. It particularly loved Christmas time when all the family gathered together and opened their presents after the chimney had had a rest so that Santa Claus could come down it.

So the old fireplace was particularly delighted that it was going to share in a new celebration.

The fire had been laid and the match struck. Then, how the old fireplace shone and burned and crackled with laughter and merriment.

Every once in a while you could hear it sputter in its joyful amusement at all that was going on. It dressed up in its best. Blue colors and flame colors and all other colors seemed to flash in it at some time or other while the celebration was going on.

And there, by the fireside, sat Dolly, the Queen of the day, with the family all gathered around, and the presents on a table right before Dolly.

The presents were wrapped in gay-colored ribbons. Many of the ribbons had been wrapped around other birthday packages, for after a fine party, such as a birthday celebration, the ribbons took a rest back in the old ribbon box to be ready for the next joyful event.

In the center was a cake, and, of course, upon the cake there were candles. And there were candles and flowers and a wreath and there were speeches made and there were smiles—oh, lots and lots of smiles.

And the fireplace smiled, too, as it gazed brightly and warmly out upon it all.

And while the birthday celebration was going on and while the poems were being read and the presents opened the fireplace sang a little birthday song to Dolly and this was it:

I'm the fireplace old and true,
I'm very fond of you,
Dolly, dear, I think you know it,
For you come by me and sit,
And you like to linger by me
And in my flames the fairies see
And read my thoughts while I read yours;
Dolly, dear, I love you!

I'm the fireplace old and true,
I'm very fond of you,
I wish you many
happy returns
As the fire within
me burns,
Telling you of my
warm heart,
In your joy, tak-
ing my part,
So I sing to you
my greetings,
Dolly, dear, I love
you!

I'm the fireplace old and true,
I'm very fond of you,
I wish you lots
and lots of fun,
Beginning with the rising sun,
Oh, many happy returns of the day!
Dolly, dear, I love you!

I'm the fireplace old and true,
I'm very fond of you,
I wish you lots
and lots of fun,
Beginning with the rising sun,
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Dolly, dear, I love you!

Post Toasties
Corn Flakes
TASTE THE DIFFERENCE

Ask for POST TOASTIES
—corn flakes that stay crisp in milk or cream



Delicious hearts of corn

During these warm days, enjoy the cool and crunchy crispness of Post Toasties, the double-crisp corn flakes. Made from the hearts of succulent white corn, delicately seasoned, these corn flakes are toasted double-crisp by the special process of the Postum Company. They stay crisp in milk or cream down to the last inviting flake in breakfast bowl or luncheon dish. Serve Post Toasties often these summer days. You'll find a cooling freshness in their double-crispness, and an appetizing goodness in their true corn flavor. When you want the double-crisp corn flakes that stay crisp in milk or cream, ask for Post Toasties. They come in the red and yellow, wax-wrapped box that keeps them fresh and double-crisp.

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POSTUM COMPANY, INC., BATTLE CREEK, MICH.

For This Once Mandy Had to Compromise

Mandy was an incurable optimist and the embodiment of kindness. She would never admit that anything was wrong with anyone, although sometimes facts pushed her hard. Her young mistress had many suitors, and the latest recruit to the ranks could boast as little in the way of good looks as was humanly possible.

"Grand looking chap, isn't he, Mandy?" queried Miss Marie's mischievous brother when the guest had departed.

Mandy teetered perilously between ruth and charity. "Case he was," she answered presently with dignity. "Ilan's some gentelman—han'some gentelman." At that point honesty got the upper hand. "Ceptin'," she added conscientiously, "fo' his features."

Elevator for Mount Blanc

Mount Blanc, Europe's tallest mountain, will soon be "climbed" by elevator. The cableway, with a car similar to a hotel elevator and carrying from 50 to 70 people, will soon be in operation from Chamionix to the summit of Alguille du Midi. The ascent may then be made in two hours and without guides. Construction of the elevator cableway was started 17 years ago, but was interrupted by the war.

Fly 320,000 Miles

When the aircraft squadrons of the scouting fleet recently completed their maneuvers with the fleet and flew into Hampton Roads, they wound up a combined flight of 320,000 miles, the Navy department announced, approximately 13 trips around the world, without a single serious accident.

A dial radio phone has been invented by the United States army signal corps to help flyers talk to those on the ground.

Taxi's Classification

Mary, four years old, seems to have been around a little. Some folks had called and had taken her and her mother to a party in another part of the city. The way was jolly, bumpy and bad. So thought Mary. Any strange auto had just one classification for her. As they started to return home the erstwhile innocent four-year-old piped up with: "Mother, do we have to go back in that d—n taxi?"

Modern Husband's

Husbands with billy goat appetites are the easiest to live with.—Woman's Home Companion.

Kindness—a language which the dumb can speak and the deaf understand.—Boyer.

CORNS



Ends pain at once!

In one minute pain from corns is ended. Dr. Scholl's Zino-pads do this safely by removing the cause—pressing and rubbing of shoes. They are thin, medicated, antiseptic, healing. At all drug and shoe stores. Cost but a trifle.

Dr. Scholl's Zino-pads
Put one on—the pain is gone!

KODAK FINISHING BY MAIL
One Day Service.
Films developed, 16c. Prints, 4c and up.
MILE HIGH PHOTO CO.
321 17th St., Denver, Colo.



"Flyosan ALWAYS kills," says Doc Fly

NO hope! He's gone!

Don't kill flies and mosquitoes one at a time. Flyosan—the first and only effective fly and mosquito spray (non-poisonous)—kills all the flies and mosquitoes in your house in only a few minutes.

But use Flyosan itself. Don't take chances with inferior imitations. Rid your home quickly, thoroughly, not only of flying pests but also of the filthy, deadly germs which each one carries.

"Swatting" only scatters these

millions of disease-bearing germs. Here is the right insecticide for each insect:

Flyosan, Liquid Spray—kills flies and mosquitoes.
PETERMAN'S ANT FOOD—exterminates ants.
PETERMAN'S DISCOVERY, Liquid—exterminates beetles.
PETERMAN'S ROACH FOOD—exterminates that cockroach army.
PETERMAN'S MOTH FOOD—protects against moths.

You must have a specific insecticide for each insect. No single insecticide will exterminate them all. We have had nearly 50 years' experience. We know that is true.

Peterman's has the right insecticide for each insect. On sale wherever drugs are sold.

Peterman's
200 Fifth Ave., N.Y.C.

Nellie Maxwell

CHILDREN CRY FOR "CASTORIA"

Especially Prepared for Infants and Children of All Ages

Mother! Fletcher's Castoria has been in use for over 30 years to relieve babies and children of Constipation, Flatulency, Wind Colic and Diarrhea; allaying Feverishness arising therefrom, and, by regulating the Stomach and Bowels, aids the assimilation of Food; giving natural sleep without opiates.

The genuine bears signature of
Chas. H. Fletcher

Suspicious!

The boy, of a magician's assistants is frequently put to the test by people who would like to learn his secrets, but the helpers are usually equal to the situation.

George White has been with Thurston ever since the magician started around the world with his show. One day an inquisitive busybody slipped George a cigar and said to him:

"How does Thurston make the woman float in the air without any support?"

"I don't know," George replied, "but I think there must be some trick about it."

Swat as Usual

A scientific expert says that fish kill mosquitoes. But who wants to keep a fish on his lap when he's reading on the piazza?—Boston Transcript.

Well Supplied

Betty—Does she dress modestly?
Beryl—Oh, no! She has lots of nice clothes.

Always Busy

Gregg—What does your wife talk about?
Hanks—About all the time.

A successful man forms a plan and sticks to it, working like a gimlet to a point.

The virtue of justice consists in moderation as regulated by wisdom.—Aristotle.

A wise man knows the value of silence when a child begins to cross-examine him.

Many a would-be jolly good fellow might be really so if he would only stop telling jokes.

Some people are too good to be interesting.

A well-beaten path may not lead in the right direction.

He who considers too much will perform little.—Schiller.

No kind of change in economic rules will help the incompetent.

Study your own self.—St. Bernard.

For Dancing, Tennis, Golf, etc., let this be your first thought for foot comfort. The Antiseptic, Healing powder to shake into your shoes.
ALLEN'S FOOT-EASE
Sold everywhere.

HANFORD'S Balsam of Myrrh
For Mosquito Bites, Sting of Bees and Venomous Insects
All dealers are authorized to refund your money for the first bottle if not suited.

SKIN BLEACH
Removes all skin blemishes, freckles, etc. for only 10¢.
FURSE BROS. CO., Ask your dealer or write Dr. C. L. Barry Co., Dept. W, 305 Michigan Ave., Chicago.

Ma Buzz gets it in the neck
FLIT spray clears your home of mosquitoes and flies. It also kills bed bugs, roaches, ants, and their eggs. Fatal to insects but harmless to mankind. Will not stain. Get Flit today.

Ma Buzz gets it in the neck
FLIT spray clears your home of mosquitoes and flies. It also kills bed bugs, roaches, ants, and their eggs. Fatal to insects but harmless to mankind. Will not stain. Get Flit today.

DESTROYS Flies Mosquitoes Moths Ants Bed Bugs Roaches
"The yellow can with the black band"

Hat Gave Warning of Oscar's Temper

One of the eccentricities that made the late Oscar Hammerstein, the noted theatrical impresario, such a picturesque figure on Broadway is recounted by George Blumenthal in an article in Liberty. "When you saw Oscar Hammerstein coming down the street wearing his funny silk hat, you knew he was in a good humor. But if he were wearing a slouch hat—look out!"

"I recall that at the Manhattan opera house there was a little place beneath the stage which had never been finished," the writer tells. "This 'cave' would admit about six persons and was a great place to be when Hammerstein went on one of his many rambles. We employees called it the Cave of Refuge. Before Hammerstein arrived for the day, we generally had a lookout posted. He would come back and report something like this: 'It's all right—the boss is wearing his high hat.' Or: 'Watch out—he's got on that slouch hat!' The slouch hat meant the Cave of Refuge for us."

Charleston in Ireland

The charleston has been included in the annual dancing tournament between cities of Ulster, Ireland. It is not classed as one of the regular dances, such as the fox trot, waltz and tango, but is given a special and separate competition. The tournament this year was conducted in Victoria hall, Belfast, by the Ulster Amateur Dancing championship, and every amateur dancer in Ulster was eligible. The first prize was a loving cup presented by the lord mayor of Belfast when the contest was inaugurated three years ago. Miss Katherine Watson of Derry judged the trials, and admitted that Belfast had better dancers than Derry.

Preachers' Pay Raised

Every clergyman in Rhodesia is to have his annual allowance raised. The minimum pay is to be \$1,000 a year. This will be for bachelors, while a married man will be allowed \$500 additional for maintenance of his wife and \$150 for each of his children. These innovations were decided upon at the recent diocesan synod held at Salisbury. During the discussion the bishop of southern Rhodesia, who presided, asked: "If these attractive conditions, which I wholeheartedly endorse, come into force, what guarantee have you that all the bachelor clergy in the diocese will not be married by this time next year?" None could answer, but the step was voted.

Recovered Radium

Some detecting that would make Craig Kennedy proud was performed by Prof. J. B. Edwards of Georgia Tech. In America, Ga. Several tubes of radium valued at \$4,000 were lost from the hospital. With mechanical devices perfected for detection of radium waves, Professor Edwards traced the receptacles and their precious contents to the city incinerator five miles away. Unscathed, the radium was returned. Hospital attaches believe the tubes became entangled in cotton that was scoured and thus were tossed into refuse receptacles.

Suit We're Born With

To find out how many yards of skin it takes to cover a human body, Doctor Takahira, Japanese physician, had a special variety of thin strong paper which adheres closely to curved surfaces pasted over his nude form. This was dried, then removed, cut into flat pieces and measured. In this way Doctor Takahira discovered it took 10 square feet of skin to cover him, although he is only 5 feet 6 inches tall. That is another thing we shouldn't have to worry about from now on.—Capper's Weekly.

Novel Wireless Equipment

In an attempt to study the effect of the atmosphere on wireless waves, French scientists are planning to send a transmitter ten miles up into the air by means of a balloon. The apparatus will send out signals automatically. More signals from a similar set will be sent from ground level, and will be compared with those emanating from the upper regions.

Money isn't everything, but it reduces earthly tears one-half.

Determine Hay Grade by Time of Cutting

Some Common Hays Are Allowed to Stand Too Long.

Late cutting and improper curing are the most common cause of low grades and low prices of hay, says Prof. L. A. Dalton of the department of agronomy at the New York State College of Agriculture at Ithaca. The usual difference between No. 2 and No. 3 hay is that No. 3 was allowed to become over-ripe or was cured in such a way that it lost its color and aroma.

The time when the common hays should be cut are as follows, according to Professor Dalton: Timothy should be cut when it is in full bloom. If allowed to stand longer the leaves and stems turn brown. If allowed to stand too long many of the leaves turn brown and fall and the stems become woody.

Mixtures of clover and timothy should be cut when the clover has reached full bloom. Red clover usually blooms ten days to two weeks earlier than timothy, but if the cutting is delayed until the timothy is in bloom the clover will be over-ripe.

Alfalfa should be cut when one-tenth to one-fifth of the crop is in full bloom. If allowed to stand longer the plants that flowered first lose many leaves and become hard and woody.

Hay should be raked into windrows while it is still sappy, so that its moisture will evaporate without the excessive loss of green color, which occurs when all the hay is exposed to the sunlight in the swath.

Silage More Palatable Than Fodder for Cows

An acre of corn has a much higher feeding value when fed to dairy cows as silage than it has when cured and fed as fodder. The superior value of silage over fodder is attributed largely to the smaller waste in the handling, curing, storing and feeding of silage and to its greater palatability. Principally because silage is much more palatable than cord fodder, more of it is consumed, thus making more nutrients available for milk production.

These facts are borne out by an experiment made by the Iowa Agricultural experiment station in which corn silage was compared to corn fodder in well-balanced rations fed to dairy cows. By giving corn silage a feeding value of \$4.50 a ton, or \$36.00 for an acre yield of eight tons, the relative value of corn fodder was found to be \$17.17 for a production of 3.4 tons per acre. However, as there is about 5 per cent greater additional loss resulting from curing fodder than there is from curing silage, the acre valuation of the fodder is reduced to \$16.21. An acre of corn fodder in these trials, therefore, was given but 45 per cent the value of any acre of silage for feeding to dairy cows.

Handling Soy Beans for Both Hay and for Seed

Soy beans should be cut for hay soon after the seed pods have been formed and before the seeds have been fully developed, about the time the lower leaves begin to turn yellow and drop.

For seed soys should be allowed to become fully mature before harvesting. At this time the leaves will have largely dropped off. If they stand up well it is more satisfactory to cut and bind and shock them and let them stand in the shocks until dry enough to thresh. They may be cut with a mower and shocked until ready to thresh, but more of the seed will shatter and be lost and they will be harder to thresh.

In making hay of soys they should be allowed to become well wilted in the swath before raking and shocking, but should not be allowed to become dry enough to shatter off the leaves. The shocks will shed water better if put up when the hay is a little green.

Agricultural Notes

Well-bred cows leave profits—monkeys pay no rent.

Even if low-grade truck doesn't spoil on the market it spoils the market.

A good cow well fed will do her best—a poor cow poorly fed will do her worst.

While they are small, carrots should be thinned so they stand three or four inches apart in the row.

Growing chickens and laying hens need green feed the year round to grow best, keep in good health or to lay eggs.

Keep after the weeds. It has been a rainy spring and ideal weather for them. If it is too wet to hoe, pull them by hand.

Lime for the soil appears to be one of the best-paying propositions for farmers, for records from 17 states show an average return of 128 per cent on the investment.

All animals like fresh fruit. It is a good succulent for them and should be used. Last year thousands of bushels of peaches were fed to hogs; this got rid of the fruit and helped the hogs.

Control Disease of Cucumbers

Eliminate Agencies by Which Destructive Ailment Is Wintered.

(Prepared by the United States Department of Agriculture.)

The most effective means of controlling the mosaic disease of cucumbers, according to the United States Department of Agriculture, consists in the elimination of the agencies by which this destructive disease is carried over the winter.

The cause of the disease is unknown, but diseased plants contain a form of infection which may be transmitted to healthy plants by such insects as the melon aphid and the striped cucumber beetle. The disease does not live in the soil and is not carried in the seed of the cultivated cucurbits, but is known to live from year to year in certain wild plants, some of which occur in most of the cucumber-growing sections.

Wild Plants Carry Disease.

The known wild plants which carry the disease are the wild cucumber, milkweed, pokeweed, two species of wild ground cherry, and catnip. The disease is carried over winter in the roots of these plants, except in the case of the wild cucumber which carries the infection in the seed. Insects feeding on these infected wild plants and on the cucumbers in the field spread the mosaic disease. In a number of fields where the average mosaic infection had been approximately 40 per cent, eradication of the wild host plants in and near the fields reduced it to 3 per cent.

Before planting, the field itself and all land within 75 yards should be carefully inspected and all wild host plants, whether healthy or diseased, should be pulled out. If the cucumber field can be surrounded by other cultivated crops, the work of eradication will be simplified and insects are likely to be less prevalent.

Plants Are Dwarfed.

Mosaic cucumber plants are dwarfed, the younger leaves are mottled with green and yellow, and the fruits are mottled and misshapen; the darker areas forming warty projections on the surface. When such plants appear early in the season they should be removed immediately to prevent further spread of the infection by insects. It is also advisable to use insecticides to reduce the number of insects. Where several fields are adjacent to one another it is essential that all growers co-operate in removing the wild host plants about their fields.

Dusting for Insects Is Popular and Effective

Dusting insects has become so popular, and the dust guns so easy to use and effective, that dust is taking the place of liquid sprays. For ordinary garden use a coarse cloth sack tied to the end of a stout stick is a very effective duster for leaf eaters, but for some of the sucking insects that require a contact poison like nicotine a blower is best, for it will force the dust up under the leaves as well. You can get almost any kind of insecticide now in the powder form. The best time to use is very early in the morning before the dew dries off, or it will be needful to sprinkle or spray the foliage with water to make the dust stick. There are combination dusts that will serve for both eating and sucking pests, and most gardeners will be wise to use them and use them freely.

Danger Spots in Roads Are Now Clearly Marked

Danger signs in the Minnesota system of yellow-and-black markings on trunk highways, have general meanings conveyed by their shapes in addition to the specific warnings they give. Diamond-shaped signs warn of actual dangers on the road, such as a sharp turn. When the careful driver sees one ahead he always slows the speed of his car.

Square signs mark dangers near the road but not part of it, such as schools. They put good drivers on the alert the instant they are sighted.

Octagonal and round signs always require a full stop. The eight-sided signs are posted in most instances at intersections of arterial routes to avoid collisions. Round signs of the same import but in a class by themselves, are used to mark railroad crossings, all of which are always dangerous.

Fresh Straw Is Liable to Stunt Plant Growth

Fresh straw plowed under sometimes stunts the growth of the following crop, according to soil specialists of the New Jersey agricultural experiment station. The straw acts as a medium for certain kinds of bacteria which multiply rapidly and which feed on the nitrogen that would ordinarily go to the crop. This explanation is borne out by the fact that when nitrogen is added with the straw, the harmful effects are prevented.

In very sandy soils, injury appears before a shortage of nitrogen can make itself felt. Apparently, the straw also introduces poisons which affect the tender seedlings. The soil specialists of the station are now endeavoring to find methods of treating the straw so that both forms of injury will be prevented.

YOUR National Parks



"COME OUT TO AMERICA'S PLAYGROUND!"

By ELMO SCOTT WATSON

MADE any plans yet for your summer vacation? If you haven't, how about deciding to spend it in one of the public playgrounds, state or national, which are at your service? President Coolidge has set the example for his fellow-Americans by selecting one of them, Custer state park in South Dakota, as the site of his, and the state game lodge, a handsome three-story, 30-room structure of Swiss chalet style, nestled in a beautiful valley, surrounded by mountain crags and with a cheerful little trout stream murmuring along at its foot will be the summer White House.

Of course, not all of us can have the exclusive use of such an attractive place as this. But how about deciding to spend your vacation in some one of the 19 national parks which Uncle Sam maintains for you and to which he has already issued his annual invitation for you to pay a visit? The invitation comes to you over the signature of Stephen P. Mather, director of the National Park service. But they are not Mr. Mather's parks. Nor are they Uncle Sam's parks. They are YOUR national parks. Uncle Sam and Mr. Mather are just the custodians who have charge of them and whose business it is to see to it that your enjoyment of your own property may be had to the fullest extent if you will make the most of the opportunity.

Is it hiking, mountain-climbing or camping that you want? Is it fishing or camera-hunting (hunting with guns, of course, is out of the question, but if your weapon is a camera and your ammunition a roll of film you will hurt neither the animals nor another hunter nor yourself) that you most desire? Or is it scenery, glimpses of magnificent distances, of snow-capped mountain peaks, of volcanoes, of glaciers, of all the other natural wonders and beauties in a virgin wilderness that your heart longs for? If it is any of these you can easily satisfy your desires. Over on the right you will see a page from a national park service pamphlet which will give you "The National Park at a Glance." Look at it and you can see where to go to get those things you wish for.

But you do not have to limit your choice to the attractions of the 19 national parks. In addition to them there are 32 national monuments which offer equally inviting glimpses of natural wonders and natural beauties. They are the following:

Devils Tower, Wyo.; Montezuma Castle, Ariz.; Petrified Forest, Ariz.; El Morro, N. M.; Chaco Canyon, N. M.; Muir Woods, Calif.; Natural Bridge, Utah; Lewis and Clark Cavern, Mont.; Tamaqueo, Ariz.; Shoshone Cavern, Wyo.; Grand Quivira, N. M.; Katmai, Glacier Bay and Sitka, Alaska; Rainbow Bridge, Utah; Pinnacles, Calif.; Colorado, Colo.; Papago Saguaro, Ariz.; Capulin Mountains, N. M.; Dinosaur, Utah; Verendrye, N. D.; Casa Grande, Ariz.; Scott's Bluff, Neb.; Yucca House, Colo.; Fossil Cycad, S. D.; Carlsbad (limestone) Cave, N. M.; Ateece Ruin, N. M.; Hovenweep, Utah, Colo.; Pipe Spring, Ariz.; Craters of the Moon, Idaho; and Wupatki, Ariz.

If you enjoy visiting historic places there are also seven national military and other parks and nine other national monuments under the jurisdiction of the secretary of war. The parks are: Chickamauga and Chattanooga, Ga. and Tenn.; Shiloh, Tenn.;

THE NATIONAL PARKS AT A GLANCE.

[Number, 19; total area, 11,372 square miles.]

National park in order of creation.	Location.	Area in square miles.	Distinctive characteristics.
Hot Springs 1902	Middle Arkansas	11	46 hot springs possessing curative properties—Many hotels and boarding houses—30 bathhouses under public control.
Yellowstone 1906	Northwestern Wyoming	2,348	More geysers than in all rest of world together—Boiling springs—Mud volcanoes—Fertile forests—Grand Canyon of the Yellowstone, remarkable for gorgeous coloring—Large lakes—Many large streams and waterfalls—Vast wilderness, greatest wild bird and animal preserve in world—Exceptional trout fishing.
Sequoia 1909	Middle eastern California	282	The Big Tree National Park—Several hundred sequoia trees over 10 feet in diameter, some 25 to 30 feet in diameter—Towering mountain ranges—Startling precipices—Mile-long curve of delicate beauty.
Yosemite 1909	Middle eastern California	1,125	Valley of world-famed beauty—Lofty cliffs—Romantic vistas—Many waterfalls of extraordinary height—3 groves of big trees—High Sierra—Waterfalls—Good trout fishing.
General Grant 1909	Middle eastern California	4	Created to preserve the celebrated General Grant Tree, 35 feet in diameter—6 miles from Sequoia National Park.
Mount Rainier 1909	West central Washington	324	Largest accessible single peak glacier system—28 glaciers, some of large size—48 square miles of glacier, 10 to 200 feet thick—Wonderful subalpine wild flower fields.
Cater Lake 1902	Southwestern Oregon	249	Lake of extraordinary blue in crater of extinct volcano—Slides 1,000 feet high—Interesting lava formations—Fine fishing.
Wind Cave 1908	South Dakota	17	Cavern having many miles of galleries and numerous chambers containing peculiar formations.
Flatt 1904	Southern Oklahoma	15	Many sulphur and other springs possessing medicinal value.
Sully Hills 1904	North Dakota	14	Small park with woods, streams, and a lake—is an important wild animal preserve.
Mem Park 1906	Southwestern Colorado	77	Most notable and best preserved prehistoric cliff dwellings in United States, it is not in the world.
Glacier 1909	Northwestern Montana	1,034	Hugged mountain region of unsurpassed Alpine character—200 glaciers—Lakes of romantic beauty—99 small glaciers—Precipitous thousands of feet deep—Almost sensational scenery of marked individuality—Fine trout fishing.
Rocky Mountain 1905	North middle Colorado	3073	Heart of the Rockies—Snowy range, peaks 11,000 to 14,388 feet altitude—Remarkable records of glacial periods.
Hawaii 1908	Hawaii	136	Three separate areas—Kilauea and Mauna Loa on Hawaii, Haleakala on Maui.
Lassen Volcanic 1916	Northern California	124	Only active volcano in United States proper—Lassen Peak, 10,667 feet—Cinder Cone, 8,179 feet—Hot Springs—Mud geysers.
Mount McKinley 1917	South central Alaska	2,645	Eldest mountain in North America—Rises higher above surrounding country than any other mountain in the world.
Grand Canyon 1909	North central Arizona	968	The greatest example of erosion and the most sublime spectacle in the world.
Lafayette 1919	Maine coast	8	The group of granite mountains upon Mount Desert Island.
Zion 1919	Southwestern Utah	120	Magnificent gorge (Zion Canyon), depth from 800 to 2,000 feet, with precipitous walls—Of great beauty and scenic interest.

Uncle Sam (that is to say, they took the money out of one pocket and put it into another) by approximately \$225,000. Of course there is just one reason why Americans to that number were able to set a new record in the matter of visits to THEIR national parks. Last summer 30,000,000 persons used 9,000,000 autos in which to go motor-gyping. Three million, three hundred thousand of them carried camping equipment and these purveyors of the open trail spent the staggering sum of \$3,325,000,000 en route. This year, it is estimated that 40,000,000 persons or one-third of the nation's entire population will set forth to see what they can see. Uncle Sam has got the national parks ready for this ten per cent increase in visitors.

One important fact about YOUR national parks is that they are not only playgrounds, places for recreation, but that they are rapidly becoming great universities, places for education, where in the words of Hubert Work, secretary of the Interior, the department which has control over the parks, "Nature is the supreme teacher as well as the master textbook." Accordingly the National Park service has embarked upon an educational program by making use of these natural laboratories.

And if you still want some place to go for recreation there are something like 600 state parks in 43 states with an area of 7,000,000 acres, conserving scenery, wild life, historical and scientific sites. At least that is the report which came from the delegates to the seventh national conference on state parks at a recent meeting at Bear Mountain, Palisades Inter-State park in New York. So it would seem that with this grand total of more than 650 public playgrounds, America will not find it difficult to satisfy its longing for an occasional excursion into the life of the great outdoors. Judging from the records of last year, they are taking full advantage of the opportunity. More than 2,300,000 visitors, the greatest number yet on record, registered at the 19 national parks and the 32 national monuments in 1925. The fees paid by them enriched

and 1,500,000 of these sheets are used each year. Six hundred thousand pounds of dextrine and 30,000 pounds of glucose are annually consumed in the process. Each year about 1,000,000 pounds of ink are used in the printing of the various issues.

Fresh Water in Oceans
There are several places in the different oceans of the world where fresh water may be found. One of the best known of these places is beyond the coast of Miami, Fla. The

cause of this fresh water in the midst of the salt ocean is a spring formed by a subterranean river.

Malay Peninsula
The whole of the Malay peninsula, from the southern boundary of Siam to the Strait of Singapore, is known as the Straits Settlements. It includes Singapore, Penang, Malacca, Labuan, Cocos Island and Christmas Island. The settlements have an entire area of about 1,500 square miles. They form a British crown colony.