

BEE KEEPERS HEAR DIEMER

Farm Lectures Well Attended—Needs of Modern Farm Are Discussed.

Lectures on bee keeping, hog and poultry raising, and many other features of farm life kept Farmer's Week visitors busy yesterday, if they attempted to attend even a few of the lectures.

Six topics for discussion during the week were suggested by J. F. Diemer, president of the Missouri Agricultural Society in his address before the opening business session in the Horticultural Building, following the varied program presented by the department of entomology Tuesday. The topics were: inspection, registration, taxation, protection and co-operation, drive for membership and the proposed re-naming of the organization.

It is the opinion of Mr. Diemer that the state should put an experienced apiarist in charge as inspector of conditions and the output of bee-keepers, to examine each hive for commercial purposes, especially for exportation.

That the principle of swarm control is a fundamental element in successful bee culture was brought out in an address by R. S. Marsh, instructor in horticulture in the University.

K. C. Sullivan, professor of entomology in the College of Agriculture talked on the control of poultry pests and on the anatomy of the honey bee. D. V. Fette, of Hannibal, told of his experience with large bee hives, and Miss Louis Stanley, of the department of home economics, gave demonstrations of the use of honey in cooking.

Dean F. B. Mumford gave a lecture yesterday morning on "The Influence of Early Breeding on the Growth of Young Sows," and a demonstration of hog house construction was given at this time by J. C. Wooley and Mr. Harris. A lecture on "Facing Present Markets in Hog Feeding" was given by L. A. Weaver in the Agricultural Building yesterday morning.

A lecture on the control of poultry pests and the prevention of chick losses was given by K. C. Sullivan. It was pointed out that sanitation in living quarters, careful feeding with an abundance of fresh water, plenty of range and an abundance of vitamins was necessary for successful poultry raising.

agents to enable them to give lectures and demonstrations in their own counties.

"Although many blame the tragically changing seasons and the bad weather or crop failures we are having practically the same climatic conditions today we had in the preceding generation, and our failures are due to the improper treatment of the soil," said Prof. Miller, head of the soils department, who lectured yesterday morning on "Why Clover Fails."

J. C. Wooley of the agricultural engineering department, spoke on "Sunlight and Air in the Dairy Barn" yesterday morning. Mrs. J. T. Rosa talked on "Planning the Farm House From the Woman's Point of View." She told of the need for modern construction on the farm as well as in the city.

"It is difficult to build a community house in a rich agricultural district," said Paul Culver of Gower, Mo., yesterday afternoon in an address before the Rural Life Conference. "For the wealthy farmers will move away from the country, renting their farms out to tenants, out of whom it is impossible to get any co-operation. However, in Clinton County, we found that by building a consolidated school we were in the right path towards keeping up the progress of the community. We now have a thoroughly modern two-story building, with domestic science and manual training departments."

Mrs. Margaret Squires, of the Missouri State Teachers College, Springfield, Mo., spoke on "Schools as Community Centers in Southwest Missouri." Mrs. Squires advocated the close cooperation of country and town. "Do away with the idea that the farmer should know nothing of town ways," she said. "Let us know all the ways that will help us to become better citizens of the United States. Don't be afraid that your children, once they have been to town, will desert the country. Let them follow their own inclinations. You will find that they will be glad to come back to the farm. Some must leave in order not to have too many in the country!"

Columbia consumes 12,000 bushels of apples and 2,500 bushels of peaches a year, nearly all of which is shipped in by big fruit growers, said Prof. V. R. Gardner, pointing out the advantages of fruit growing for the farmer or truck grower, in a talk at the Horticultural Building.

SOY BEAN THRASHER CAN BE ATTACHED TO BINDER

Invention of Wooley and Helm Enables One Man to Harvest His Entire Crop.

In answer to the demands of thousands of farmers throughout the United States for a cheap and efficient method of threshing their crops of soy beans, J. C. Wooley, professor of agricultural engineering, and C. A. Helm, of the field crops department of the College of Agriculture of the University have produced a pea and soy bean thrasher which may be attached to an ordinary grain binder.

To install this machine it is simply necessary to remove the head of the binder and put the new attachment in its place. Chains replace the ordinary cylinder teeth of the binder, and these chains give a flail action when the machine is in motion, thereby breaking the pods of the beans.

The straw is delivered from the cylinder into the straw shaker or straw rack, where the beans are screened out and fall onto the chaffer below. Under it there is a screen of fine mesh. A fan is placed below the screen and adjusted to send an air blast up and outward through the screen, completing the cleaning.

The beans are finally collected into a hopper which delivers them to the sacker which is fastened onto the rear frame of the binder. The machine is driven until the sack is full. The operator can then tie the sack, dump it off and install a new one. If he finds it desirable the bundle carrier can be modified to collect the straw and deposit it in windrows so it can be handled as hay.

By the use of this machine one man is able to harvest his entire crop of soy beans, thresh and sack them ready for delivery to his bin or elevator. "If every farmer should grow soy beans as extensively as he grows oats or wheat, there would be many advantages in threshing the crop directly in the field as we propose to do," says Mr. Helm. "By doing this much of the loss from shattering is avoided, and the cost is reduced by the harvesting and threshing being done in one operation."

There is a strong commercial market for soy beans which will increase with a larger production. Soy bean seed is demanded to be ground and pressed. The oil is used in paint and in butter substitutes and for many other things. The soy bean cake, after it has been pressed is sold for protein concentrate for feeding hogs and cattle and has a feeding value similar to that of oil meal.

In 1919 less than 1,000 bushels of soy bean seed was in the hands of growers in the state of Missouri. In 1920 more than 15,000 bushels of seed was produced.

R. L. HILL SPEAKS AT FULTON
Kingdom of Calloway Gives Supper There Tuesday Night.

R. L. Hill, alumni recorder, spoke on the subject, "Ye Are the Salt of the Earth" at the sevenieth annual supper of the Kingdom of Calloway held Tuesday evening at Fulton. He took the message of the disciples of Jesus which was to clean up the world, to sweeten it, to keep it from decay and to create a new and more wholesome flavor for human existence. He drew a parallel between this message and the accomplishments of the citizens of Calloway County in their religion, their education and high standards of citizenship which are maintained.

Between 400 and 500 people from all parts of Calloway County were present for the supper which was served in two churches. The speeches were made in the local theater. Nick T. Cave of Fulton acted as toastmaster, and following Mr. Hill's speech complimented the people of Boone County for their splendid accomplishments.

The Rev. B. P. Taylor of Charleston, W. Va., was the guest of honor and spoke on the subject "The Boyhood of Calloway Farm." "Now and Then" was used as a subject by Jesse W. Barrett, attorney-general of Missouri. "The Perils of Progress" was the subject of a

Jack's Shack

Whew!

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204 South Ninth

MR. FARMER
Attention: Do You Want to Sell or Trade YOUR FARM?
See Us for an Automatic SALES-MAP
Samples and Prices furnished on request. See us for details.
Mr. Merridith Phone 645
Mr. Willis Phone 1575
417 S. Sixth St.

talk by Dean Geo. B. Sweazey, of Westminster College.
Ovid Bell, editor and publisher of the Fulton Gazette, was elected president, and Sparrel McCally secretary for the coming year. The next meeting will be held in January, 1923.

FORD PLANS COTTONOID CAR

Would Use Cotton, Formaldehyde and Glue to Make Light Auto.
Henry Ford may make automobiles from cotton. His latest idea is to replace heavy cars and heavy steel coaches with cottonoid vehicles. This would revolutionize the automobile and other industries.

Cottonoid is a new substance made of formaldehyde, glue and cotton and is very light. Ninety-eight per cent of the load of an ordinary passenger train does not pay. Two per cent alone is profitable.

Senator W. T. Robinson Here.
W. T. Robinson of La Plata, state senator from the Ninth Senatorial District, passed through Columbia yesterday on his way to Jefferson City. Mr. Robinson was chairman of the appropriations committee which framed the bill appropriating money for the University last year.

JANUARY ALUMNUS ISSUED

Front Cover Has Pictures of President J. C. Jones.

The January issue of the Missouri Alumnus was issued yesterday. The front cover shows a picture of Dr. J. C. Jones and the first two pages are devoted to the new president.

Other leading articles are: "Putting Missouri in the National Showcase," by Arnold Perstein, debating coach; tribute to former president Richard Henry Jesse, with an account of the ceremonies held in connection with the renaming of Academic Hall in his honor; "The Burning of the Old Main Building," by Burton Thompson; "The Oldest Alumnus Writes of the '40's," by Bernice Thumure; and "An \$875,000 Church Building Program," by J. Harold Curtis.

N. C. Tisdell is on Staff.
Harvard's new student publication, the Harvard Business Review, to be published by the Graduate School of Business Administration, has on its staff a graduate of the University, Nelson C. Tisdell, A. B. '20. Mr. Tisdell, who is the son of Dr. and Mrs. Frederick M. Tisdell, 1316 Wilson, will have charge of the accounting department of the new magazine. This is his second year in the Harvard Graduate School of Business Administration.

Notice To Students
For Sale—A good proposition for one or more students that will pay their way through school with small capital to invest.
If you are interested—Phone number 1486.

Basketball
GRINNELL vs MISSOURI
Saturday, Jan. 21
7:30 p. m.
Admission - \$1
Let's Go Tigers
A Three Round Boxing Match Between Halves

COLUMBIA THEATRE TONIGHT ONLY
Wanda Hawley
The girl with the million dollar smile.
IN
"The Love Charm"
If you want to see the neatest kind of modern roping based on an ancient love charm don't pass up this picture.
Also
FOX NEWS MUTT & JEFF

KEY TO MAP
A. Burnham's.
B. Hathman and Bright's.
C. Daniel Boone Tavern Coffee Shop.
D. Model Lunch Room.
E. Farmers' Restaurant.
F. Fenton's Restaurant.
G. Davis' Tea Room.

Where To Eat

KEY TO MAP
H. Vivian's Cafe.
I. Jinx.
J. Campus Lunch.
L. College Inn.
M. Jumbo Lunch.
O. Harris'.
R. Jack's Shack.

VIVIAN'S CAFE
"Food That Means Something"
15 South Ninth street

Hot Tamales
At
Jack's Shack

Hot Tamales
At
Jack's Shack

Make Fenton's Boone County Restaurant your Eating Headquarters while here.
Fenton's Boone County Restaurant
807 Walnut, Between Eighth and Ninth streets.
"The Place Where the Taste Stays With You."

FARMER'S RESTAURANT
"Fresh Fried Foods"
7 North Eighth street

HOME
True, you are not at home, but you can get Good Home Cooked Meals here at very reasonable prices.
Jumbo Lunch
"Sudden Service."
Over White Eagle Dairy.

Fast Service and Fresh Food
Steaks that will melt in your mouth. At a price that will fit any Man's pocket.
HATHMAN & BRIGHT'S Restaurant
807 Ash street (between Eighth and Ninth)
"Where Hunger Is Dealt With Severely".

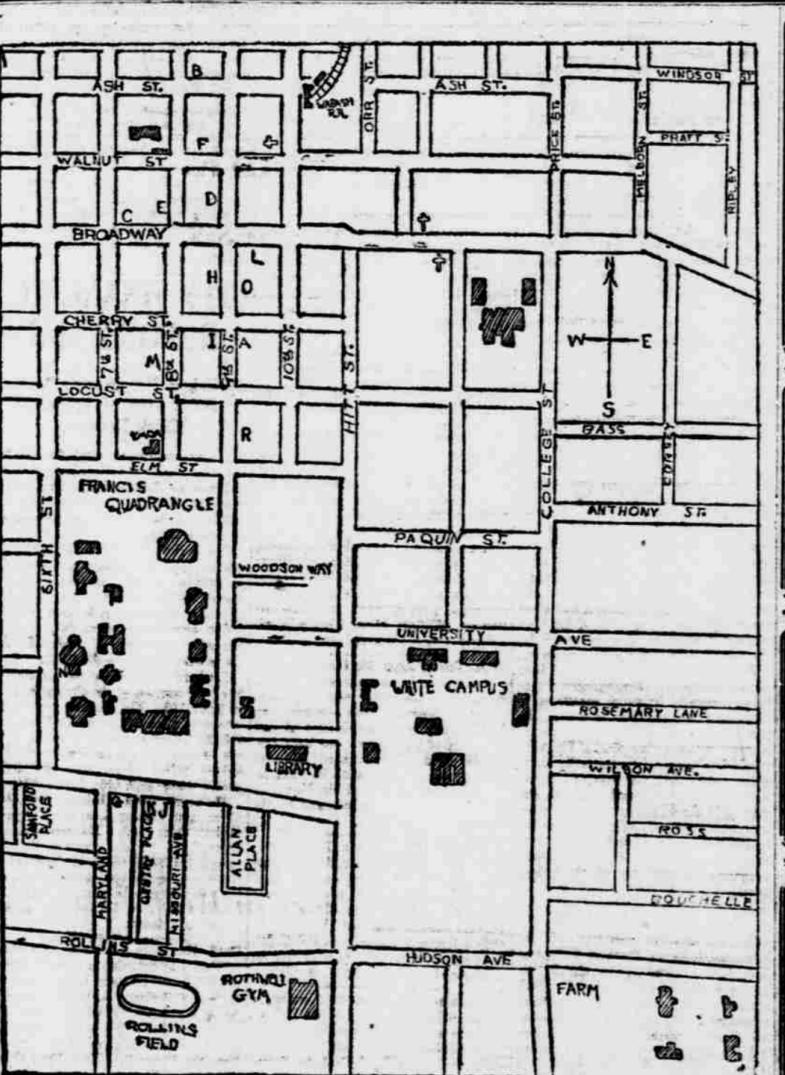
MODEL LUNCH ROOM
"Eat Farmers Eat"
11 North Ninth street

CAMPUS LUNCH
"Dad's Place"
The home of the 8 o'clocks
Corner of Missouri and Conley.

Better Than Ordinary Food--
Is what you want. Farmers' Week Visitors will find that at Harris' quality and goodness are a part of every dish that comes from the Harris kitchen. And you'll enjoy talking over the meetings and demonstrations in the privacy of a Harris' Booth.
HARRIS'
Perfection in Confection.
Millard & Sisson
Sixteen South Ninth Street

Specials in Stacks and Rows Tomorrow for Jimmie's Candy Friday
Just Listen:
All Taffies, 20c
All our 60c chocolates for 30c
All our 80c chocolates for 46c
All our caramel and nut kisses, regular 60c, for 34c.
That's a few of 'em.
College Inn
Liberty Candy Kitchen

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Liberty Candy Kitchen



Farmer's! Test a Tasty Home Cooked Meal
After you have listened to lectures and heard what the Agricultural men have to say, come to Burnham's Cafe at 106 South Ninth Street and let us tell you something.
BURNHAM'S CAFE
(Successors to Gordon's Cafe)
106 South Ninth Street
"Food That Tickers As It Goes Down."

Hey there Farmer--EAT
The Jinx has the fastest service in town. Music is played while you feed and our prices are right. J. N. Givan runs the place and the Jinx is at your command while you are visiting. It is in the basement of the Virginia Building at the corner of Ninth and Cherry streets.
THE JINX
Corner Ninth and Cherry. Virginia Building.

Clean Food, Quick Attention
And something different awaits the visiting Farmers at
The Daniel Boone Tavern Coffee Shop
In the Daniel Boone Tavern Building.
"Comfort, Service and Dainty Dishes For All"

Chop Suey--Did You Ever Try It?
Now is the chance to taste the delicious Chinese Dish. The only place in town where you can get it.
Davis Tea Room Corner Maryland and Conley
"Open from 3 p. m. to Midnight"