

THE ARMY WORM.

Information card No. 2, "The Army Worm," is the title of a brief timely publication issued by the entomology division of the extension service of Clemson college to meet the need for the army worm outbreak.

Specific instructions are given as follows: "For army worm on forage crops and grasses make and apply poison bran mixture as directed below:

- Bran 50 pounds
- Arsenate of lead or arsenate of lime or Paris green 1 pound
- Oranges or lemons 6 pounds
- Cheap syrup or molasses 2 quarts
- Water 2 gallons

"Mix the dry bran and the poison in a wash tub. Add the syrup. Chop the oranges or lemons finely and add the juice, pulp and all. Then add the water and stir to dampen it thoroughly. Then add as much water as may be necessary to make it a moist, crumbly mass that will sow easily. (Usually one gallon of water is required.) While fresh the wet fruity mash is very attractive but when dry or stale it is not eaten. This mixture is applied late in the evening or very early in the morning. It should not be sown just before a shower as the rain may wash the poison from the bran flakes. Little of the mixture is eaten after the first day and a second application may be necessary.

"The above formula will sow ten to fifteen acres. Neither domestic animals or birds can get enough of the poison to injure them if sown as directed. Never place in heaps or scatter thickly. Keep out of reach of domestic animals and children.

"After cotton and corn has become infested dust the plants with arsenate of lead or arsenate of lime using about two pounds of the poison per acre—less for very young plants and two and one-half to three pounds for cotton over three feet. Arsenate of lead or arsenate of lime are ready for use when purchased, but may be diluted by mixing with airslaked lime equal parts. Instead of pole and bag the hand or traction duster may be used.

"Applying the poison to small areas the most practical method is to dust it through a cheese cloth bag attached to the end of a stick. On large areas the better method of application would be to use two sacks and pole carried on horse back. This is made as follows:

"Take a strip of wood three inches wide, one inch thick and one foot longer than width of rows. Six inches from each end bore a hole one inch in diameter. Make two sacks of eight ounce duck six inches deep and twenty inches long and about the width of the strip of wood. The open sides are tacked to the ends of the strip (called pole) and these can be filled with poison through the auger hole in the ends of the pole. A funnel can be used to advantage.

"One man can poison about twenty acres per day with the bag and pole and mule method. All live stock should be kept out of the poisoned field for at least three weeks or until one or two heavy rains. Muzzle the mule while applying the poison. Do not inhale the dust.

To Prevent Worms from Spreading.

"Plow a deep furrow around the field and when the worms pile up in the furrow drag a log through it. Poison the adjoining margins or corn and cotton fields. Graze the infested area heavily. If ground is level use heavy roller. If a road or driveway separates the infested field from the threatened crop, use drag in killing the caterpillars when crossing. Cut and cure the infested grass or hay if far enough advanced and plow and plant to another crop."

NAVY HANGAR BURNS.

Spontaneous Combustion Believed to Have Caused the Blaze.

Charleston, July 25.—With all its contents of naval stores a hangar at the Navy Yard was destroyed by fire yesterday afternoon and last night. A rough estimate placed the loss at from \$100,000 to \$125,000, while the value of the material in it was not known accurately.

The fire was reported at 2:30 o'clock well under way and threatening to spread to nearby hangars. The yard fire department, including fire boats, responded to the alarm, and after a strenuous fight the flames were under control at 4 o'clock. They were still burning shortly before midnight and there was no expectation of doing more than to guard against their spread.

Spontaneous combustion was probably the cause of the fire, according to a yard official. The material stored in the hangar was of a nature that could well produce a fire from such an origin.

GATHER TO WELCOME "JACK."

Federal Officials Disappoint Negroes. "Lil Arthur" Absent.

Chicago, July 25.—Two thousand negroes gathered at the depot today to welcome Jack Johnson back to Chicago after a voluntary exile of eight years, a fugitive from justice in foreign lands, but "Lil Arthur," idol of the southside, failed to appear.

Federal officials removed Johnson from the train at Joliet and hurried him to the jail when they learned the size of the welcoming throng there.

When the train reached Chicago the waiting negroes stormed the gates in an effort to see the ex-champion heavyweight of the world. Police reserves from two stations were forced to beat the crowd back with clubs to clear a passage for Lucille Cameron Johnson, white wife of the former pugilist who wore a red hat, a blue serge suit, and clasp a Mexican hairless dog to her bosom. Policemen loaded the woman and her eight suit cases into a brace of taxicabs and assisted her out of the crowd.

No effort was made today to obtain bail for Johnson and prospects tonight were that he would remain in the Joliet jail until arraigned in court.

MOUNTAINS OF THE SEA.

Bottom of the Ocean is Hills and Hollows.

At the captain's table on an Atlantic liner a young woman idly inquired how far the ship was from the nearest land. Several passengers have said offhand, "About eight hundred miles." But the captain turned the questioner over to a quiet gentleman who looked at his watch and at a chart and amazed his hearers by answering "Just about seventy yards."

"The land I speak of is just thirty-six fathoms beneath this ship," continued the expert oceanographer. "It is the summit of the Laura Ethel mountain, which is 20,000 feet above the lowest level of the Atlantic basin. If it were some two hundred feet higher or the sea were two hundred feet lower you would call it an island."

In effect, the Atlantic is a huge continent boasting a superficial area of 25,000,000 square miles. It is 9,000 miles long and 2,700 miles broad. The depth of the water that covers it is by no means so considerable as people used to imagine. Oceanography as a science may be said to date only from about 1850, but—thanks chiefly to the labors of the cable laying and cable repairing ships—our knowledge of the configuration of the bed of the ocean grows greater every year.

The Laura Ethel mountain, discovered in 1878, is the uppermost peak of one of the most celebrated submarine elevations in the Atlantic. Mount Chaucer, at the eastward of it, was revealed to oceanographers in 1850. Sainthill, which is westward of both, has the honor to be the first mountain discovered in the Atlantic. It became known in 1892.

Prior to the laying of the first Atlantic cable Lieutenant Maury, United States navy, made it known that a wide plateau exists beneath the ocean, running from Iceland to Newfoundland. It seemed so admirably suited to the purpose of cable laying that he modestly called it Telegraphic plateau, but in most charts it bears the discoverer's name.

The location of "Davy Jones' Locker" might be said to have been established with the discovery of Sainthill. It has been estimated that at the back of this eminence the relics of not fewer than seven thousand wrecks lie scattered. Or one might ascribe that gruesome distinction to the Faraday Hills, discovered in 1883, and lying between Mount Chaucer and Laura Ethel mountain. These hills are noted among oceanographers for the amount of wreckage which they are the monument.

There are cavernous depths, of course, in the Atlantic, as well as majestic heights. Four miles and a half may be taken to be the greatest. The average is probably about two miles. Heights and depths alike are merely hidden land, which may some day be exposed by the mighty workings of nature.

Meantime comparatively few changes occur. Beneath the ocean there are no frosts, no lightnings, no glaciers, no meteorological agents at work. If it were not for the eddies and the destruction and accumulation of animal life, these Atlantic hills and vales might rest as immutable as the peaks and craters of the moon, where there is no atmosphere to cause decay.

FLORENCE WOMAN RELEASED.

Will Leave For Atlanta Within Few Days—Case to be Called in Oct.

Florence, July 24.—Mrs. Edna Burgess, the woman who shot and killed her husband, Guy Burgess, here Tuesday afternoon, was released from the county jail yesterday afternoon, bail being granted her in the sum of \$1,000, which was furnished by J. F. Stackley and D. M. McEachern of this city. Several of her relatives from Atlanta have been with her since Thursday morning and she will leave Florence the first of next week for Atlanta where she will spend some time, court not convening here until October at which time her case will likely be tried.

"This is not the way he combed his hair or wore his tie" were the first words of Mrs. Burgess when she went to the morgue to view, for the last time, the remains of her late husband.

With these comments she proceeded to rearrange his hair and tie almost as casually as if he had been living and no such tragedy had been enacted.

"It's a shame, Guy, that you are lying there that way, but you didn't do right," she commented in concluding her service to him.

Mrs. Burgess went from the county jail to the undertaking parlor to view the body before it should be taken to Atchison, Kan., for burial. It was reposing then in an open casket and box for shipment. She broke down upon returning to the county jail and for some time was unable to control her grief.

AIRPLANE KILLS PASSENGER.

Pilot Unable to Wrench Control Stick From Man Asleep or Frightened.

Asheville, N. C., July 25.—One man was killed and another seriously injured today when an airplane owned by a local automobile dealer crashed to the ground near here just as the plane was leaving the landing field.

The machine fell a distance of 250 feet, instantly killing Everett Frady, a local plumber, the passenger in the machine, and breaking both legs and one arm of the pilot, Lieut. Theodore Whitt. It is supposed that Frady, who was sitting in the front seat of the machine, either fainted and fell against the control lever or else grabbed it when he became frightened as the machine banked. The pilot stated that the passenger froze to the control stick and that efforts to make him release it were of no avail. It is expected that Lieut. Whitt will recover as he suffered no internal injuries.

The plane had been in operation here eight days during which it had carried some 50 passengers. The accident is the first of its kind to occur in this section of the state.

Just received, shipment of tobacco sheets. H. C. FOLK CO.

NOTICE OF OPENING OF BOOKS OF SUBSCRIPTION.

Pursuant to a commission issued to the undersigned, the books of subscription to the capital stock of the BAMBERG TOBACCO WAREHOUSE COMPANY will be opened at the office of the Farmers Gin Company on Friday, July 30th, 1920, and will remain open until said capital stock shall have been subscribed; said proposed corporation to have a capital stock of \$25,000.00, divided into 250 shares of the par value of \$100.00 each.

JONES A. WILLIAMS,
MAY B. WILLIAMS,
Board of Corporators.

COUNTY CAMPAIGN MEETINGS.

Pursuant to order of the county executive committee, the following schedule has been arranged for the county campaign meetings:

- Ehrhardt—August 3rd.
- Olar—August 10th.
- Denmark—August 17th.
- Bamberg—August 24th.

The presidents of the several clubs, at these places, are expected to preside at these meetings and are requested to arrange for the meetings. Ten o'clock a. m. is the customary hour for commencing the meetings.

The last day of enrollment of voters is July 27th, which is the last Tuesday of July. All Democrats who expect to vote must, under the rules, enroll. Enrollment is required every election year. Don't fail to enroll. Under the rules the voter is required to enroll in the club nearest his place of residence, calculated by the nearest practicable route, and can vote only at the voting place of such club.

All Democrats are earnestly requested to enroll without delay and, are earnestly requested to attend the campaign meetings.

J. F. CARTER,
July 12, 1920. County Chairman.

Large supply of cotton picking sheets just received. G. O. Simons, Bamberg, S. C.

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