

the State meeting will be held sometime during the week.

NORTHERN ILL. BULLETIN: Copies of the Northern Ill. show circuit bulletin, put out by the Black Hawk Rabbit Club of Freeport, was received, and it contains much news relative to this circuit. It shows that these breeders are active and doing much good in this section of Illinois for our industry. Mrs. E. Christen, Sec'y., had much to do in getting this bulletin published, and as you will see in her report in last month's article, The Northern Show Circuit is putting on several shows this fall. The final wind-up will be a big show at Freeport, September 11th to 14th, with V. C. Reeder as Judge. Write to Mrs. Christen, 411 N. Whistler Ave., Freeport, Ill., for a copy of this bulletin, and attend these shows—I know you will enjoy them.

FLEMISH GUIDE BOOK: I received a copy of The Federation of Flemish Breeders 25th Silver Anniversary Guide Book. This book is the finest yet put out by the Federation. It contains 100 pages of useful information for any Flemish breeder and Sec'y. Griffin and The Federation are to be congratulated on getting out this useful new edition for their members. More power to the Flemish Federation.

4-H CLUB COMMITTEE: Pres. Fehr appointed a committee to be known as The 4-H Club Promotion Committee composed of the following members: Keith C. Forbush, 23915 Leland Court, Dearborn, Mich., Chairman; Theo. Lokemoen, Merrill, Wisc.; Robt. D. Humbert, Huntington, Ind. and Walter Weber, Saginaw, Mich. All of these gentlemen are interested in 4-H Club work in their respective districts and we look forward to a great improvement during the coming year in bringing the 4-H Club Boys and Girls in closer contact with The A. R. & C. B. A. I think this will be very noticeable at our coming convention. Pres. Fehr is to be congratulated on this important matter.

RENEW YOUR MEMBERSHIPS: I sent notices to all members in arrears in their membership. I hope all who are still interested will comply at once. Nomination ballots and copies of resolutions to be voted on can be sent only to those who are up-to-date with their membership this year—this will be the final notice. I also sent notices to judges and registrars and chartered locals—some do not know when their dues do expire.

RESOLUTIONS: I wish again to call your attention to the fact that Sept. 1st will be the deadline to get your resolutions in to Mr. Stallings, Chairman of the Resolution Committee. Every member has the privilege of mailing his resolution in by that time so it can be voted on by the membership. But, the resolutions must be received by September 1st.

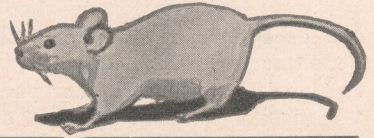
VANDEWEGHE VISITS HEADQUARTERS: Mr. Vandeweghe of The Vandeweghe Trading Corporation, Furriers of New York City, visited headquarters recently and was very much enthused over the rabbit skin market and the prices they were able to pay at the present time. He stated that the outlook was good for sometime to come. He also showed me sample rabbit skins—just what the eastern skin buyers want in texture and density of fur, and I believe many of our present day breeders can easily furnish this quality. The woollies and soft coats that came up a few years ago have been nearly all eliminated, and the average breeder today is breeding for a coat of good density and texture, yet firm and with sufficient guard hairs to protect the under-coat.

PRESIDENT & MRS. FEHR IMPROVING: Pres. & Mrs. Fehr have had more than their share of troubles in the past few months, but I am glad to say they are both steadily improving at this writing. Mrs. Fehr had an infected hand which caused her considerable pain for sometime, and Pres. Fehr's "Molars" were giving him trouble—it was necessary to have them removed.

ATTENTION ENLISTED MEN: A suggestion by Director Gust Foerster that all members who are in good standing and called to arms during the present emergency should be kept in good standing during the time they are in service. This was taken up with the officers of The A. R. & C. B. A. and was fully approved. Therefore, when you are called,

(Please turn to page 90)

FANCY MICE



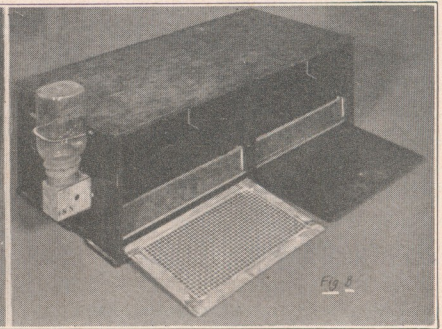
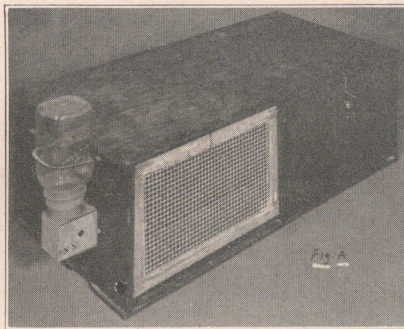
A Practical Rat Breeding Cage. The Type Used by the National Institute of Health

By Samuel M. Poiley, Assistant Technologist

TWO methods of raising rats on a mass production basis are in general use at the National Institute of Health, Bethesda, Md. By the first method, several females are placed in the breeder cage with a single male or perhaps two males; at stated intervals, the pregnant females are removed to maternity cages. By the other method, a male and a female rat are placed in a cage during their breeding span, the production of young being permitted as often as

The other door is of plywood and encloses the dark compartment or nesting area. The ventilating holes shown at the rear of the cage have since been replaced by an oval opening covered with 4 mesh wire cloth. This change has been made in order to eliminate the work necessary in drilling individual holes.

The cage consists of two compartments, a light side for light, ventilation, feeding, and watering, and a dark side for nesting. It has been



the biologic instinct will permit. For the latter method, the cage shown in Figures A and B has been in use at the Institute for three years and has proven very satisfactory for breeding purposes.

The general design of the cage shown was patterned after the cage in use at the Wistar Institute¹ in Philadelphia. However we have found it necessary to adopt some variations in order to make it suit our purpose.

The body of the cage is constructed of waterproof plywood because we feel that the animals will be kept warmer and will not be as readily subjected to temperature variations. The plywood parts are coated with a preparation containing a creosote base. The only sheet metal parts are the rest for the water bottle and the metal door.

One door of the cage is made of 4 mesh wire cloth with a galvanized iron band (24 gauge) as a frame.

DEER MICE

We breed pink-eyed Orange, Salmon, Ivory, Albino, Black-eyed Spotted, Golden - Brown, White - Headed. No Mousey Odor.

English Mice in rare colors. Orange-Hooded and Silver-Black Rats.

Beautyity Farm
Box 655 Battle Creek, Michigan

**MANATEE
MOUSERY**

**FANCY MICE
ALL COLORS**

Make fine pets.
Need little care and feed.

Howard Jones
324 Central Street
PALMETTO -:- FLORIDA

our experience that, with but very few exceptions, the mother will cast her litter in the dark side of the cage. A hole is cut in the center partition for passage to and fro. This ability of the rat to pass from one section to the other seems to convey to the mother the impression that she can hide her young when frightened. The two-compartment method is convenient when cleaning, since the animals need not be removed from the cage. This is of special value when breeding cotton rats which cannot be handled very easily, and the operator merely needs to drive the animals to one side or the other and block the opening.

WATERING

The watering device consists of the sheet metal rest, water bottle, rubber stopper, brass tube, brass or copper spring, and two screw eyes. The rest for the water bottle is made of two rectangular pieces of sheet metal, bent so that one side is open, placed at right angles and fastened over a square hole in the side of the cage. The hole at the top of the rest is for admission of the brass tube; two holes at the side for light; and one hole in the bottom for excess drippings to escape to the floor. This leakage may be caught in a small pail or tin can. With this system, the bedding stays drier and need not be changed as often as would be necessary otherwise.

The water bottle we have found satisfactory is a one pound chemical bottle, the height of which is controlled by the cage above. The diameter of the bottle is controlled by the side of the bottle rest. We use a one hole gray rubber stopper, the size of which is regulated by the mouth of the bottle. At first, we used glass tubes but found them unsatisfactory due to breakage and have since replaced them by using brass or copper tubes. These tubes are 2½ inches long, 8 mm. outside diameter with a 1 mm. wall thickness. One end of the tube is constricted to a 4 mm. diameter opening. We used brass holding springs in the beginning, but later changed to an inexpensive wire loop which can be adjusted to the diameter of the water bottle used. This wire loop is held in place by screw eyes (No. 212).

FEEDING

Our feeding device consists of a triangle of 2 mesh galvanized wire cloth. This is mounted in the rear outside corner of the light compartment of the cage. By suspending

the feed above the floor of the cage, it remains clean and uncontaminated. This feed hopper will hold enough food, in pelleted form, to support a male and female rat and their offspring for five days.

CLEANING

The front panels and sliding shelves are removable and the cage can be thoroughly cleaned. Our rats are bedded on white pine shavings and the rats also use this for nesting material. We find it unnecessary to add any other materials for nesting.

The cages are placed on benches in tiers of five high. The benches rise 12 inches above the floor, simplifying cleaning. The cages can be readily sprayed with insecticide when required. These cages can be rather inexpensively constructed of white pine if desired, and can be made at home. A coat of creosote stain will make them more or less waterproof. It is our conservative estimate that our cages will last for ten years.

Bibliography:

1. Breeding and Care of the Albino Rat for Research Purposes—M. J. Greenman and F. L. Duhring. Published by: The Wistar Institute of Anatomy & Biology, Philadelphia, Pa. U. S. A., August 1923.

(Ed. Note: A dimensional plan and layout of this cage may be obtained from Mr. Poiley, National Institute of Health, Bethesda, Md.)

AR&CBA NEWS

(Continued from page 89)

please advise us and give your Co., Regiment, etc., so I can make a record on your index card in my office. This applies to memberships, judges and registrars licenses.

NOMINATION BALLOTS: Because our convention comes later this year, nomination ballots will not be sent out until October 1st. So, you have time to decide on whom you wish to nominate for officers for 1942. The secretary holds over for another year, but nominations are in order for all other officers.

REGISTRATIONS: Registrations for June showed some improvement over May, but there is still plenty of room for improvement in all breeds. Chinchillas and New Zealands made considerable gains, but Flemish fell down a little. Fall Fairs are coming on now and this should increase our registrations. Following is the standing of the various breeds: from January 1st to July 1st: Chinchillas, 180; New Zealand, 316; Flemish, 173; Checker Giants, 40; Havanas, 18; Silver Martens, 6; Dutch, 11; Champagne de Argents, 14; English, 2; Himalayan, 2; Creme de Argent, 13; Rexes, 35; Silver Fox, 1; Belgians, 2; Beverens, 4; Polish, 1; Liliacs, 6; Angoras, 103.

GRAND CHAMPIONSHIPS: The following grand championship certificates have been issued since my last report:

Big Phil, Reg. #7710-V, New Zealand White Buck, owned by Westley W. Dixon, Glendale, Calif.

Gloria, Reg. #512-W, Champagne de Argent Doe, owned by Otto Werlong, Ft. Wayne, Ind.

OFFICIAL SHOWS: The following chartered locals have been granted permission to hold their Show as an official A. R. & C. B. A. show since my last report:

July 29-Aug. 2, 1941, 49th State Cavy Breeders Ass'n., St. Clair Co. Fair, Belleville, Ill.

Aug. 13, 17, 1941, Cleveland R. B. A., Cuyahoga Co. Fair, Cleveland, Ohio.

Sept. 3-7, 1941, Essex Co. R. B. A., Topsfield Fair.

Sept. 6-13, 1941, All Southern Show Circuit, Falls Cities R. B. A., Louisville, Ky.

Sept. 9-13, 1941, Penn. State R. B. A., Doylestown, Penna. Fair.

Sept. 29-Oct. 5, 1941, Waterloo R. & C. B. A., Waterloo, Ia.

Oct. 3-5, 1941, Hastings R. B. A., Hastings, Nebr.

Oct. 4-11, 1941, Oregon Poultry & Pet Stock Ass'n., Portland, Ore.

Jan. 23-25, 1942, Cuyahoga Co. R. B. A., Cleveland, Ohio.

MAIMI VALLEY R&CBA

The regular monthly meeting of the Miami Valley R&CBA, Dayton, Ohio, was held July 11, 1941 in Room 312, Montgomery County Court House. We are always happy to see our members bringing the "family" and their friends.

We are glad to welcome some new members to our association: Mr. & Mrs. George Hatch of Englewood and Robert Bass of Lebanon, Ohio. Mrs. Frank Kroeger, a former member, also renewed her membership with us at the June meeting. It is good to have her with us again.

The Membership Committee has a real surprise rigged up for us. A door prize of 50c is to be given to the name drawn. The names will include members in arrears as well as those paid up. However, if name drawn is that of member whose dues are not paid up, money will be applied to his or her dues. Not a bad way of paying dues!

Every paid up member of our Association should have his membership card as well as a complimentary copy of the American Rabbit Industry published by the A. R. & C. B. A., Inc. If you lack either one or both of these please notify your secretary.—Secretary.

Ratproof Your Rabbitry

The rat-proofing of your rabbitry may be undertaken in more ways than one. One method would be to provide concrete paving a little larger in area than your intended erection; erect your portable shed on this and surround the base of the woodwork with galvanized iron sheeting. Provide, in addition to the ordinary door, a frame which can be used as a secondary door, and to which is nailed a small mesh wire netting. You can then use this in hot weather, when it will be necessary to leave the door proper open to obtain through ventilation. You will then have little fear of rats entering the premises.

Another method would be to erect your building on stone piers surrounded by a wide inverted pan or saucer shaped rim of tin sheeting. This should be placed at or near the top.

It is advisable to use metal bins for your grain and meal. Further, it is important that the disposal of the bedding and manure shall take place in such a way that it is at no time accessible to rats. This may contain certain waste food and grain, although you may not feed to excess.

Because space in ALL-PETS MAGAZINE is at a premium, show reports will not be published unless the show giving club carries a show advertisement in our columns prior to the show.