

## BIRDS' HABITS TO BE STUDIED BY UNCLE SAM

Government Bureau Asks Aid of All Who Have Time and Knowledge.

### USE TRAPS AND BANDS

WASHINGTON, July 5.—To follow the travels and adventures of individual birds which wander over a large part of a continent, and sometimes of two continents, would seem an impossible undertaking; but the United States biological survey is now preparing to do this very thing.

Dr. H. C. Oberholser, who told us about it, and other ornithologists at the bureau, are confident of obtaining results of the greatest importance and interest.

The method by which this study is to be carried on is that of banding the birds—that is, catching them in traps, making a record of their age, sex and place of capture, then placing a band with a number and address on it about the leg of each bird and releasing it again.

When this bird is recaptured, or in the case of a game bird, perhaps killed, something is learned of its travels and habits and the length of its life.

When one bird is caught repeatedly, or when a number of birds of a certain species have been caught, a great deal may be learned about the habits of that kind of bird, and the information so gained, especially about the travels of the birds, will be of the greatest practical value in the making of regulations and international treaties under the migratory bird law which has given such wonderful results in the increase of migratory birds.

It is known, for example, that many birds travel from North America to South America and to the West Indies, and it is expected, when more information about these migrants has been gained by trapping, to make treaties with these nations similar to that which we now have with Canada for the protection of these birds.

**STUDY OF HABITS MOST IMPORTANT.**

But the immense and practical value of the studies is the smallest part of their interest to the scientists. They say that as the work progresses and the number of birds under observation increases, numerous facts will be discovered about their habits which can not now be forecast.

The science of ornithology heretofore has been engaged largely in the preliminary work of identifying and classifying the birds.

Little systematic study has been given to their habits. The work of classification was of course necessary, but only as a preliminary to the study of bird habits. It is this latter study which really increases the value of birds to man, by teaching him how to protect those that are of value and get rid of those that are not.

The importance to man of two great groups of birds—those that destroy insects and those that furnish food and sport—can scarcely be overestimated, and it is these that will be studied first.

This bird banding is not an experiment, as has been carried on in Europe for about twenty years and in the United States for at least half that long by the American Bird Banding association, the work of which latter organization is now being taken over by the United States government.

The biological survey is now asking for volunteers to help carry on the work, and anyone who is interested should get in touch with that bureau.

The survey will furnish the bands and instructions how to trap, handle and band the birds, but the expense of the work must be borne by the individual.

The survey hopes to establish strings of "trapping stations" across and up and down the country, so that it will get reports from all sections.

Persons who live in the country or in the suburbs, who are interested in birds, and who know of the various species of birds in their own neighborhoods are qualified for the work—in other words you must be a pretty good amateur ornithologist to do this work, and you must have the patience to carry it on for a period of time in order to get valuable results.

If you are willing and able to do this, you have now an opportunity to make a real contribution to science.

**GETS EVIDENCE ON FAITHLESS WRENS.**

The methods of bird trapping have been perfected, and some remarkable results already obtained by members of the American Bird Banding association. Special credit is due to S. Prentiss Baldwin, a wealthy man who has one country place in Ohio and another in Georgia, and who has carried on bird banding operations at both of these places for a number of years.

Limits of space will not permit of a detailed account of Baldwin's work, but some of the results he has obtained may be recounted to show how little is actually known about the habits of birds, and how this method of exact study gets at the truth.

Birds, for example, have often been cited as examples of conjugal affection. The male and female work together to build the nest and raise the brood, and it has been said of many species that each bird sticks to the same mate year after year.

This beautiful legend may be true of some birds, but Mr. Baldwin demonstrated that it is not true of all. He banded a pair of nesting wrens on his Georgia place and later in the season captured both of them again.

Each of the wrens had at that time taken a new mate and was engaged in raising a new family.

One of the questions that has long puzzled ornithologists is whether birds travel each year the same routes in their migrations, and spend the winters and summers in the same places. Mr. Baldwin found this to be exactly true of certain species.

The same white-throated sparrows came year after year to his place in Georgia, spending successive winters not only in the same vicinity, but literally about the same bush.

**BIRDS HAVE CHARACTER.**

Mr. Baldwin used in his operations the government sparrow trap, which injures the bird very little or not at all, and he found that they were not badly frightened by being captured.

Many birds were captured again and again, and some of them even insisted on spending most of their time in the trap, where there was plenty of food.

He was surprised to find how much individual character the birds had.

Thus one sparrow which he captured repeatedly he came to know as a fighter, for it would always peck and bite at him with great courage and ferocity when he took it in his hand.

But another bird of the same species showed an equally consistent character as a squawker, never offering to fight but always lifting up its voice in loud imitations.

Baldwin also established to his satisfaction the fact that migrating birds do not travel a certain distance each day when on the move, but linger wherever the food is good.

When going south they nearly always stop on when a storm approaches, waiting until the weather clears, and it has been believed that storms would interrupt their travels.

Mr. Baldwin was unable to determine whether the birds recognize the signs of an approaching storm and travel in it, or whether they travel in it, as wild ducks, geese and shore-

birds are among the most important varieties to be studied by this method; they are of the greatest value for food and sport, and their protection under modern conditions depends upon an accurate knowledge of their migration habits.

A member of the bird banding association at Windsor, Ont., has been trapping and banding wild fowl for many years, and has perfected the methods so that the scientists say they will have no difficulty in banding thousands of these birds, and in solving many of the mysteries of their far travels.

This is probably the first and certainly the greatest co-operative national effort in the study of bird habits ever undertaken, and it should have the support of all who have the knowledge and the time to help.

### Jazz Music Plays Havoc With Worth

WILMINGTON, Del., July 5.—Efficiency among workers in the plant of the Lortland Company here has increased 20 per cent since the inauguration of a continuous musical program during working hours.

A gratifying feature of the innovation is that while classical or semi-classical music has been beneficial, jazz has proved detrimental to efficiency.

A player piano has been installed in the wrapping department of the plant, and it has been purchased and a boy hired to "make melody" from the time the girls begin work until they stop.

Playing and singing is practically continuous.

Each week new rolls are bought and each week a singer from the service organization teaches the girls a new song.

"It works wonderfully well," said an official of the company. "I have noticed, however, that ragtime upsets the girls, disturbs their work and hurts production."

Each week new rolls are bought and each week a singer from the service organization teaches the girls a new song.

It is known, for example, that many birds travel from North America to South America and to the West Indies, and it is expected, when more information about these migrants has been gained by trapping, to make treaties with these nations similar to that which we now have with Canada for the protection of these birds.

**MEETINGS**

Ladies of St. Patrick's parish will hold a card party tomorrow afternoon in St. Catherine's hall on Shelby and Tabor streets.

Auxiliary to Indianapolis chapter No. 333, Order of the Eastern Star, will meet tomorrow afternoon at the home of Mrs. Anna McCreery, 1202 West Morris street.

Holy Cross School will be entertained Tuesday afternoon in Liederkreis hall by Mrs. Edward Barry, Mrs. Katherine Gallagher, Mrs. John Mack, Mrs. Henry Fiddler, Mrs. A. Kruger and Mrs. Thomas O'Connell.

Golden Rule Auxiliary, Order of Eastern Star, will hold an all day meeting Wednesday with Mrs. Nettie Hobart.

**War Mothers' Board to Meet Tomorrow**

The extension board of the American War Mothers will meet at 2 o'clock Tuesday afternoon at the Odd Fellow building.

On Thursday afternoon the regular meeting of the association will be held, with Rev. F. S. C. Wicks giving the principal address.

**Ambulance Buddies Give Reunion Dinner**

Eight members of evacuation ambulance company No. 1, who served together for fourteen months during the war, enjoyed a reunion dinner at the Hotel Severin last night, Charles G. Campbell of Mt. Carmel, Ill., acting as toastmaster.

The company is said to have removed more sick and wounded soldiers at Champaign, Ill., than any other ambulance unit, and the detachment received two citations for courageous work.

**5 Civil Courts Close for Summer Vacation**

The five superior courts of Marion county as well as the probate court were in vacation today until the beginning of the fall term on Sept. 7.

Commissioner M. Bash has announced that an adjourned term will be held Aug. 2 to take care of emergency matters.

The circuit court, presided over by Judge Louis Ewbank, is in vacation until the regular fall term, but there will be an adjourned term on July 19 to permit Charles Moore to sit as a special judge in a case.

Judge Ewbank will be in his chambers to take care of emergency matters.

The criminal court is in full blast with many jury cases, including a murder case, scheduled for trial this month.

Judge Lahr of the juvenile court will continue his session during the summer as usual.

**67 Fort Barracks Sold Under Hammer**

On Saturday the second public sale of cantonment buildings at Ft. Benjamin Harrison will be held.

Sixty-seven of the cantonment barracks were sold last Saturday and the sales will continue on Saturdays until the 350 buildings are disposed of.

Farmers are buying most of the buildings, but some city folk have been among the successful bidders and intend to transfer them to river banks for summer homes.

**Several Heed Appeal of Salvation Army**

"The home service appeal of the Salvation Army can be finished in a short time if all those who are willing to contribute will heed the call and act promptly," L. B. May, Marion county director, said.

Col. Robert L. Moorhead, chairman of the citizens committee of the county, in an appeal to the public, asks that co-operation be given so that a speedy and successful windup of the drive may be had.

The Kiefer-Stewart Company is a recent contributor for \$150.

A. Bennett Gates, president of the Hotel Severin, gave \$100 and Robert F. Miller sent a \$100 check.

Other contributors are the Diamond Chain and Manufacturing Company, Indianapolis Orop Forging Company and the Interstate Car Company.

A special effort is being made to enlist the support of industrial establishments.

**INDIANAPOLIS PLEASED BY QUICK RESULTS**

Every one is pleased with the quick results of simple witchazel, camphor, hydrastis, etc., as mixed in Lavoptik eye wash. One man's eyes were so badly strained he could not read without pain. Two applications relieved him. A lady with weak, inflamed eyes, was greatly helped by ONE bottle of Lavoptik to help ANY CASE weak, strained or inflamed eyes. Henry J. Huder, Druggist—Advertisement.

## Society

Members of the Den Zare club are holding a house party at Blue Bluffs over the Fourth of July. Mrs. W. R. Buckburn, Mrs. C. A. Brewer and Mrs. Ward H. Jones are chaperoning the party.

Mr. and Mrs. A. J. Burns, 413 East Fifteenth street, announce the engagement of their daughter, Juanita Emerald, to Harry F. Bornstein.

Miss Leonora Crawley, 3731 North Illinois street, has gone on a trip through the east, where she will stop in Atlantic City, Buffalo, New York and various other cities.

Mr. and Mrs. W. A. Picken, 1908 North New Jersey street, announce the engagement of their daughter, Miss Eliza Jane, to Clifford W. Foote. The wedding will take place in the fall.

A pretty wedding of Saturday was that of Miss Sue Strasser, daughter of Mr. and Mrs. George J. Strasser, 2944 Princeton place, and James Edwin Blaney, which took place in St. Paul's Episcopal church, Dr. Lewis Browne officiating.

Clarence Carson, organist, played the bridal music. Baskets of Dorothy Perkins roses and garden flowers combined with ferns and greenery banked the altar. Frank Standish acted as best man, with Edward Meyer, John Galm, Ernest Gard and Walter Bares as ushers.

Miss Grace Strasser, maid of honor, wore a frock of pink taffeta combined with white organdie, with hat of the same materials and carried a French basket of delphinium. Miss Helen Wheat, bridesmaid, was gowned in green taffeta, with hat to match, with which she carried a basket of pink roses. Little Thelma Galm in white embroidered organdie carried the rings in a basket of rose petals. The bride's gown was of white organdie. She wore a lace hat and carried a shower of white pom poms and smilies. A reception at the home of the bride followed the service. Mr. and Mrs. Barney have gone on a short wedding trip and will be at home in this city on their return.

Mr. and Mrs. W. A. Rhynearson, 2935 North Delaware street, announce the engagement of their daughter, Miss Goldie Allen, to Paul J. Bradley. The wedding will take place in August.

Mrs. W. D. Long, southern dialect reader of this city, is with a summer Chautauqua company touring the northern part of the United States.

Miss Helen Brattain, Miss Elizabeth Matthews, Miss Marjorie Frank, Miss Mary Wilson of the active chapter of Butler college of Kappa Kappa Gamma, Mrs. Eleanor Griffin, Mrs. Everett Schofield of the local alumni, and Miss Olivia Schad of the Illinois university Kappa chapter, are among those who are attending the national convention of the sorority, which is being held at Mackinac, Mich. The sessions opened July 1 and will close tomorrow.

Mrs. Horace M. Coats and daughter Marjorie Catherine, 3047 North Capitol, left today for a fortnight's visit in Marion, Ind.

**Recover License on Second Anniversary**

SEDALIA, Mo., July 5.—Mr. and Mrs. Frank Fisher of this city, who were married in St. Louis in June, 1915, lost a suit case containing about \$200 worth of wearing apparel, together with their marriage certificate, while on their wedding trip.

The suit case disappeared from a hotel in Ft. Wayne, Ind., and nothing was heard from it until a few days ago when Mr. Fisher received a card from a man giving the name of Peter Bye of Grand Rapids, Mich., who stated that he had the marriage certificate and wished to know if Mr. Fisher wanted it.

In reply to Mr. Fisher's letter, requesting the return of the certificate, Bye said he was employed in the Union station at Grand Rapids and had found the certificate in the waste basket at the station.

He was attracted to it, he said, by the neatness of the package and looked to see what it was.

He forwarded it to Sedalia and it reached Mr. and Mrs. Fisher on the second anniversary of their marriage.

**Ready Made Waist Linings**

Don't waste your valuable sewing time on waist linings any more; it isn't necessary, since they can be had already made, and fitted to size, at small prices. When you are making a frock, use one of them.

And much more frequently than the frock needs a trip to the cleaner, the waist lining is soiled beyond repair; in such a case, rip out the old, and in a few minutes' time tack in a new, ready-made lining.

These new models are neatly and firmly fashioned of India linen, edged with the picot finish, and secure in belt, nooks and eyes, and in the sewing.

Sizes from 36 to 40, inclusive, at 75c.

Sizes 42 and 44, priced at \$1.00.

—Ayres—Notion section, street floor.

**SAY "DIAMOND DYES"**

Don't streak or ruin your material in a poor dye. Insist on "Diamond Dyes" Easy directions in every package.

**GIRLS! MAKE A LEMON BLEACH**

Lemons Whiten and Double Beauty of the Skin

Squeeze the juice of two lemons into a bottle containing three ounces of Orchard White which can be had at any drug store, shake well and you have a quart of harmless and delightful lemon bleach for few cents.

Massage this sweetly fragrant lotion into the face, neck, arms and hands each day, then shortly note the beauty of your skin.

Famous stage beauties use lemon juice to bleach and bring that soft, clear, rosy-white complexion. Lemons have always been used as a freckle, sunburn and tan remover. Make this up and try it—Advertisement.

**"Say It With Flowers"**

Car. Ohio and Meridian. New 21-402, Main 3712. Call Wash. 3712 After Closing Hours. NOT OPEN SUNDAYS

**DR. Miller**

Children's work especially

**BLOUSE SALE**

Beautiful heavy Georgette blouses, shirred fronts with dainty lace trimmings, brand new models in all colors. Values to \$9, special, \$5.50

**Hargrove's**

Massachusetts and Delaware

## L.S. AYRES & Co.

Open At 8:30  
Close at 5:00

## L.S. AYRES & Co.

### FOR NEIGHBORHOOD WEAR DRESSES at \$12.75



Ambitious house dresses—such as these versatile frocks madam may wear successfully either on the porch in the afternoon, or on a chatty visit with her 'cross the street neighbor, or hastening down town for that forgotten necessity. They are becomingly simple in design, always cool, tailored enough for the street, yet practical as to tubing every time.

Equally effective are all 64 of these neighborly dresses. Sashed smartly, button trimmed, modeled along the best styling, and all of them materialized of voile in large checks and plaids. The lavender is especially taking—if one is partial to cool colors, but besides, the pink, the blue, the black and white are equally appealing. Sleeves are shown in the three-quarter length—no, you don't need to worry about your dress when starting the dinner, though still you'll be dressed for callers. And the price, \$12.75.

#### Other Dress Groups Likewise Interesting

At \$14.75 are porch dresses in plain dark blue, serviceable, surplined tailored and pleasing models, organdy collars and cuffs and trimmed with the button and buttonhole idea. Sizes through 16, 18, 20, 22, 24 and 26.

At \$14.75 are organdy dresses, tailored for porch and street wear, with three-quarter sleeves, and in cadet, violet, pink and white. There are only 9 of these dresses—so shop early if you covet one.

\$8.75 is a group of practical dresses—the kind one has such constant need for during the summer. Of a dark blue voile, long sleeves, and trig with large white dots and white collars and cuffs, are these ranging through 18, 20 and regular sizes.

At \$8.75 come striped voiles. The skirts are full, the sleeves long, voile collars and cuffs, edges with footings, and in contrast with the light striping—the background is of white—is a black velvet narrow girdle.

Others in the striped voile in pink and blue only, feature a tucked organdy sailor collar. These last are in the small sizes only.

At \$6.75 are certainly dresses of extraordinary value. These are in the navy blue voile in the small white dot and figured material, in both the long and three-quarter sleeve. Figured models are shown also in various colors. Where make these purchases? House Dress Department. —Ayres—Third floor.

## Sale of Standard Toilet Goods

SOAPS—DENTIFRICES—TALCUMS

Immediate Action Scheduled for Tuesday. Lowered prices justify stocking up with a year's supply.

#### Toilet Soaps

At 49c, 3 cakes Woodbury's facial soap.

At 55c the dozen, Kirk's Cocoa Hardwater soap.

At 85c the dozen, Palmolive soap.

At \$1.00 the dozen L. S. Ayres' Hardwater soap.

At \$1.29, Bocabelli Castile soap, long bars.

At 3 for 45c, Pear's scented glycerine toilet soap.

At 75c the dozen, Armour's Glycerine soap.

At 3 for 59c, Jergen's Eutaska, rose or violet.

At 95c the dozen, baby bath Castile soap.

At \$1.00 the dozen, Broadway bath soap.

At 50c the dozen, Meadow Sweet soap.

At 95c the dozen, Hearts of the Violet soap.

At 85c the dozen, Reed & Krotz soap.

At 15c, Softola, a cleanser.

At 90c, long bars of La Perla Castile soap.

At \$1.50 the dozen, Pear's unscented soap.

#### Dental Pastes and Powders

At 18c, Kolynos tooth paste.

At 30c, Pebecco tooth paste.

At 32c, Peppodent tooth paste.

At 39c, Luthol tooth paste.

At 29c, F. E. I. tooth paste.

At 20c, S. S. White's tooth paste.

At 19c, Borine tooth paste.

At 2 for 25c, Orris tooth powders.

At 39c, Chlorox tooth paste.

At 19c, good toothbrushes.

At 20c, S. S. White's tooth powder.

#### Talcum Powders

At 14c, Squibb's talcum, assorted odors.

At 11c, Sylvan talcum, assorted odors.

At 11c, Jap Rose talcum.

At 19c, Baby Balm talcum.

At 2 for 25c, large can Vendome talcum.

At 29c, Piver's talcum.

At 15c, Colgate's talcum.

At 19c, Garden Fragrance.

At 19c, As-the-Petals talcum.

At 19c, Mavis talcum.

At 19c, Flower of Paradise talcum.

At 28c, Mary Garden talcum.

At 6c, Sweetheart talcum.

At 19c, Amami talcum.

At 19c, Sweet Peas talcum.

At 95c, Houbigant's Ideal talcum.

At 10c, Olivia talcum, assorted odors.

—Ayres—Toilet goods, street floor.

If "Phenomenal" Is Beyond the Natural, Then That's the Word to Apply to This Circle Sale of

### FINE WRAPS AND SILK SUITS

It's Circle Bargains out-circled and out-bargained—this sale; the values are downright phenomenal in altitude. Even with the record the Ayres suit section already has made for extraordinary values, this eclipses the greatest. Ponder on these prices!

#### 70 Coats and Wraps, O-N-L-Y \$13.50

BOLIVIAS, TRICOTINES, YALAMA VELOURS, CAMELSHAIR, POLO