SURVEY IS MADE **OF BIRD BANDING**

Terns Migrate From Kennebec to the Niger.

Washington,-From the banks of the Kennebec to those of the Niger-that is the journey accredited to a common tern by the biological survey of the United States Department of Agriculture, which is now receiving many interesting returns from the bird-band ing work at one of its bird colonies in Lake Michigan last year. Among the other interesting reports growing ou of this work are those pertaining to three Caspian terns, which were lo cated in Colombia, South America. These were found just at the time when bird banding was being done at the original colony in Michigan this year, thereby proving that the young birds do not breed in their first year. According to the agricultural experi menters two Caspian terns were re ported found in Nova Scotia and many others were discovered along the routes to the latter country and South America. Those found en route, the investigators say, show what course is followed by the migrating birds between their summer and winter homes.

With the growing interest in the procedure the department has only recently published a list of instructions concerning the practical significance of bird banding, as well as some of its history. This form of identification in America dates from the time of Audubon, who about 1803 placed silver threads around the legs of a brood of phoebes and was rewarded the following season by having two of his marked birds return to nest in the same vicinity. Although bird "ringing" was attempted in Europe as early as 1710 it was almost 200 years later, in 1899, that systematic work was undertaken

Started in 1901.

The earlier investigators, according to the recent report, marked their birds by dyeing or staining the flight or tail feathers, attaching memoranda feathers, feet or bill. In this country active experimental work was begun in 1901, when aluminum bands were attached to the legs of the birds. The results were so satisfactory and stimulated so much interest that eight years later the American Bird Banding association was organized in New York city. Subsequent study has revealed that two principal lines of re-



I, T. R. Eaton, Register of Yadkin county, land, ex-otticio clerk to Board of County Commissioners. in accordance with Nathan wooten ".... Sec. 1311 of the Consolidated J M Carter wit claim assg Statutes of North Carolina, make T R Eaton " " the following report of, all ac- Frank Spillman wit claim * 1 counts allowed and audited by CA Hall, witness claim the Board of County Commissioners of said county, for twelve L C Fleming witness claim months, beginning December 1st J W Collins 1923, and ending November 30th J L Crater wit claim assg 1924, and the amount of money | W L Kelly witness claim received for, county purposes:

DISBURSEMENTS (continued from last week) September 1, 1921 H E Ring judgetelection and making returns 19.00 L Myers judge election and witness; clms assg 112.10 W R Bryant ministerial services co home 4.00 L Segraves support of Harriet and Ollie Cook Alex Ball support 3.00 Stephen Phillips and wife their support 8.00 Jane Miller her support 2.00 Dora Caudle 1 6.00 Nanty willard her support 3.0 Mitchell Prtg Co. stationery tor t of d office Walker, Evans & Cogswell Co. stationery c s c office 27.90 DS Pard ie wit claim assg 3.20 J L Crater commit. papers 3.50 W NiHornisupport and, bufial of Eliza Head ames williams drawing jury Nick Hutchens waiting on solicitor 10.00 H Dobbins & Sons mdse 30.50 C E Haynes d s fees Edwards & Broughton stationery for rd office 40.22 E W Teague tax calcutator 16.25

J.M Carter witness claim T J. Salmons wit claim a claims assigned J w Boles, witness claim and claims assigned Tobe Caudle witness; claim 1 and claims assigned 4.1 J M Crews 12.7 6.5

7.1

5.1

2,3

2.2

5.10

1.7

2.50

Yadkinville, Yadkin County

J^S Culler Mrs J S Culler " Mrs T Branson" Joshphine Lee " WF Grubbs " Noah Darnell " June Robinson " Dewitt Sparks I N Walker Will Brown Joe Matthews. assg 6.6 10.00 J L Crater 16.1 J w Cook d s fees etc 11. C Money work at co home etc R wiBrown seizure of still and witness claim 111 W R Myers seizure of still [10: A D Hudson rebate on tax 54.22 J E Shugart d s fees J M Brown waiting on grand jury J H P Shore kpr co home 103. W'R Bryant ministerial services at co home E Hohon professional N E McCollem jail fees

J w Pendry asst clk b c c C E Moxley seizure of still

and sheriff fees

the Reefs C. Cabot of Boston, who conducts a' n relations" in a fashnool, said at a dinner

of my course is to bring py marriages, and I have successful, indeed. I point is on which the marriages eked. man." Mrs. Cabot went on, "said ip of women at a ten: e I was married I could never

Sale of Land

2.50 chains north 14 degrees hereby notified to present them to 51 neres, morefor less J H Dobbins & Sons mdse 56.44 | Sale made to satisfy the amount 8.50 due on said note and mortgage their recovery. 3.25 and cost of sale,

This December 29, 1924. J. F. Hendren, Trustee 12.00 By A. D. Folger, Atty.

This Dec. 3, 1924. 1.75 T R Eaton r d, balance on W A Williams d s fees R. E. Holton, Ex. of making out taxes 150.00 Geo. D. Barnard Sta Co. Martha Hauser 8.25 Ellen Holton, deceased. S L Russell member board J C Money j p fees stationery r d office 1.60 5.11 of elections 6.00 N E McCollem jail fees 52.65 Mrs L T Robinson court Also one 3 acre lot known as J J Hayes solicitor fees 155.66 W E Rutedge printing 26.30 stenographer 40.00 Sale of Land C E Moxley sheriff fees 37.10 M w Mackie farm level the Raymond Windsor lot, adjoin-Dr.T R.Harding quarantine the above parcel north of road W F Byrd d s fees 9.60 for county 22.50 officer, and co practice 151.50 By virtue of a mortgage deed November 3, 1924 from F. W. Denny's dwelling. Yadkin Supply Co supplies S Culler et al wit claim 12.90 executed to the undersigned by T L Pinnix witness claim 4.10 for county home This December 9, 1924, 18 40 R W and J F Brown! W. O. Adams and wife, Bertha 2.80 J w Pendry asst clk to b c c 2.50 J H Hunter guarding jail 4.00 Adams, and duly recorded in Walter Davis 2.80 J A Matthews j p fees 3.40 H P Shore kpr co home 105.75 book 32, page 68, Record of -66 Evan Taylor November 14, 1924 2.80 Williamst& Reavis 能認知道 Mortgages for Yadkin county, I 1.05 S S wagoner registrar elec 21.90 **Claude** Jester legal services 200.00 By virtue of the power of sale will sell for cash at the court Clifford Choplin" 66 1.05 W M Parks 22.26 Yadkin Ripple stationery house door in Yadkinyille at contained in a certain mortgage 19.95 w G Monday 6" 44 14.00 J A Matthews 22.05 for r of d office public auction, on the 12th day deed executed on the 10th day of 4.75 **Ray Burchett** 2.20 W R Frye 23.40 w Pendry asst'clk b'c'c # 2.50 of January, 1925, the following March, 1918, by W. M. Cheek to R M Osborne 2.55 J w D Baity T REATON T depart payment 22.80 real estate, to wit: Adjoining Major Pardue, recorded in book Dora Caudle her support 6.00 K M Thompson " on making out tax and the lands of Agusta Spainhour. 20, page 248, Register of Deeds Alex Eall his support 3.00 and primary 47.82 clerk to block 248.55 J. F. Yokely, and bounded as fol- office of Yadkin county, default Martha Woodley support 10.00 J L Motsinger j"dge elect 3.00 M Davis member b c c 21.00 having been made in the note se-. . Dollie Hutchens support of W Vestal "ARA b c 21.00 A Dinkins Beginning at a stone on the cured by said mortgage deed, the self and children 8.00 and primary 9.00 T H Chamberlain membank of the Yadkin river in the undersigned will sell for each to I L Segraves support of C Gilliam judge election berbcc 18.00 northeast corner of Lot No. 1 the highest bid or at public ane-Harriet and Ollie Cook 10.00 and primars 9 01 VE McCollem jailifees 12 71.00 and runs south 301 degrees west tion on worday, January 12, 1924. Mary Allengher support and 4.00 F M Pardue bailiffelection 3.00 E Moxley sheriff fees,etc146.65 13.43 chains to a stone: thence at Leichock p. m. the following Mary Holden herssupport 4 00 | L Crater certificate and DEB Stafford jail fees and west 61 deg north 5.50 chains to described real estate: Lina and Minnie Joyner seals etc. board for prisoners 71.00 7.40 Beginning at a stone on the a stone Spainbour's line; thence their support 4.00 Edwards & Broughton stasouth 301 deg. west 4 chains to a west side side of the creek just October 6, 1924 Nanty willard her support 3.00 tionery for r of d office 15.1 wild cherry; thence south 31 de- above the ford, rans south with a L Crater c s c fees and Leota Caudle 6.00 C E Moxley sheriff fees grees west on his line 31.56 chs road 80 degrees west 3 chains to claims assigned 112.37 J E Hunt support and builal error in F Evans tax 30.40 to a stone, dividing line; thence an oak bush; thence south 55 de-H Royall janitor service 9.26 of Lottie Fry 15.00 C E Moxley insolvent east 30 90 chains to a pine, origi. grees west 7 chains with said road tax65.21 R L Howell judge election 6.00 her support 2.00 C E Moxley sheriff fees Jane Miller 56.50 nal corner; thence no ... 50 de-L Crater committment Stephen Phillips and wife S w Matthews d s fees 2.00 papers etc grees west 14 to pointers, north 4.25 their support 8 00 A H Gough 5 cords wood T L Harding witness claim 60 degrees west 8 50 chains to a M J Lowery her support 2 00 20.00 for court house and claims assigned 20.40 J E Hunt d s fees stone in home tract, north 52 de-7.05 M F Carter repairs for 6.50 grees east 11 chains to a stone in C E Havnes d s fees 2.00 J T Steelman burial of Marfor court house bank of branch; come Lot No. 3, Jane Miller her support 2 00 tha Steelman, widow of a Total Disbursements \$10084 56 Mary Lowery her support 600 north 301 degrees east 10 chains Confederate soldier 20.00 Recapitalation Lina and Minnie Joyner to a stone on bank of river: then TR Eaton rd, clk to bc c25.90 up the river 6 50 chains to the Total amount of their support 8.00 Edwards & Broughton \$20478.16 beginning, being the lands desig-Mary Allen her support receipts stationery for c s c office 525 8.00 Mary Holder her support Paid out on nated as Lot No. 2 by item one Mitchell Ptg Co stationery 8.00 general clms\$10084.56 of will of A. W. Turne, Fe-Lottie Fry her support for r of d office 4.00 4 11 corded in book 3, page 370, D. C. Dollie Hutchens support for Paid out on Wills Book & Stat Co stajury cluims \$1079.50 ord of Wills. Contains 79 acres self and childrer 8.00 tionery for r of d office 2.09 Allowed on more or less. W R Bryant ministerial Dora Caudle her support 6.00 4.00 treas salary 100.02 Lands soli to satisfy a debt, in-L Segraves support of services at co home alance on Harriet and Ollie Cook terest and cost, secured by said H P Shore kpr co home 107.50 10.00 Walter Ball sup Ales Ball hand 9214 10 n'h orientro m J H Do Mins & rows make 3.09 Nanty willard her support for coun y hou e \$20478 16 3.00 , 20.00 \$20478 16 This December 12, 1924. Stephen Phillips and wife State Lospual, Coldsbe to. Nov. 29, 1924. - 12 ne". their support 8.00 - transportation etc of Bai on hund \$9214.10 origagee.

Wiley V. Hartmar, judge of city court of Winston-Salem, died in a hospital there last Friday morning.

Died in Winston Friday

Threatens It With Ruin

to satisfy town debts, has appealed to

the Saskatchewan government to save

it from financial ruin. The town owes

about \$700,000 to bondholders, of

which approximately \$300,000 is over-

due. A judgment has been secured

against the community by some of

the creditors and as a result residents

are confronted with a possible levy of

640 mills, or about three-fourths of the

by Dappled Percheron

Kansas City, Mo .- The twenty

sixth annual American Royal Live

Stock show saw the redoubtable

army mule suffer a setback. A teau

of dapple gray Percherons won the

pulling contest for teams under 3.000

pounds, hauling a load of 27,000

pulling strength of 25 horsepower

The mules, entered by the Quarter

master corps, Fort Leavenworth, and

weighing 2.880 pounds, were that

to pull the load the required 27 feet

Executor's Notice

Having qualified as executor of

the estate of Ellen Holton, de-

ceased, late of Yadkin county,

or same will be pleaded in bar of

once.

pounds 271/2 feet and developing

They weighed 2,720 pounds.

Army Mule Humiliated

total assessment.

No. 2

He had been in ill health for some time and his condition had been serious for several days.

Judge Hartman was one the the city's best known citizens-He was a native of Davie county but had lived in Winston for more than 20 years, where he practiced law until he became city judge in 1918.

As a city judge he had no equal, his court being the subiect of attention from all parts of the country.

He was 49 years old and is sur vived by his wife and two daugh ters.

The N. C. state legislature is in session at Raleigh.

Sale of Land

By virtue of the power of sale contained in a certain mortgage deed executed on the 29th day of December, 1922, by F. W. Denny and wife, Lillie Denny recorded in book 32, page 151. Reliter of North Carolina, all persons hold- Deeds office in Yadkin county, ing claims against said estate are and default having been made in the payment of a note secured by chains to the beginning, the undersigned within twelve said mortgage deed, I will sell for months from date of this notice | cash to the highest bidder at publie aution on Monday, danhary 12, 1925, at 1 o'clock p. m., the following real estate.

All persons indebted to said Beginning at a stone in Madiestate are requested to settle at son's line, runs scuth 125 rods to a stone; thence east 42 rods to a stone: thence north 125 rods to a stone; thence west 42 rods to the beginning, containing 50 acres, more or less, -

J. L. Crater, Mortgagee

Sale of Land

Judge Wiley V. Hartman

, January 8, 1925

Saskatchewan Town Debt Regina, Saskatchewan .-- The little own of Battleford, whose residents are threatened with a possible levy of 5 per cent of their total assessments

By virtue of the power containin a certain deed of trust exe. uted by F. B. Campbell and wife to J. F. Hendren. trustee, for Farmers and Merchants Back of survy county which is recorned in flice of the Register of Deeds for Yadkin county in BOOK 30, page 19, default having been, made 1. the payment of the note therebysecured at the request of the holdr of the note, I will offer for sale or cash at public auction to the highest bidder at the court house loor in Yadkinville, N. C., on the Will day of January, 1925, at one 'clock, p. m., the following lands: Beginning at a post oak stump, ross porner, and runs north 55 grees west 37.80 chains to a ock; thence south 70 deg west 0.100 chains to the branch at a uuch of dogwoods; thence down he brauch south 33 degrees east to chains to the old line; thence ith the old line north 9 degrees

search must be given special attention. First of these is the banding of fledg lings and the second, the systematic trapping and banding of adults. The latter is the more significant because the older birds give the most information on bird habits.

Trapping is accomplished by various snares, one of the popular ones being the "Government" sparrow trap, a fun nel-shaped device of wire and hardware cloth easily made even by the novice and very effective. Others which the department recommends are the well-known drop trap, the door of which is suspended until the unwary bird makes for the balt, when it drops down and shuts in the victim.

The department, to be able to study even more closely than heretofore the life histories of birds, urgently requests the co-operation of naturalists whose casual discoveries of wayfaring band-bearing birds might be well worth reporting. In this way the governmental investigators expect to solve the many problems which previously have baffled the ornithologist. Among these are the speed with which individuals of any species may travel on their periodic migrations, the possible vanguard formed by one flock for others and the advance made by successive flocks passing one over the other In alternate periods of rest and flight

Questions to Be Answered.

Other questions which can be answered by bird-banding operations

Do individuals of any species always follow the same route, and is the route the same for both spring and fall flights?

Do migrating birds make the same stop-over every year to feed?

How long do birds remain in one locality during the migration, the breeding or the winter season?

What is the relation between the breeding and the wintering grounds of individuals; that is, do those birds that breed farthest north winter farthest south, thus jumping over those that occupy the intermdiate zone, or do they merely replace the latter individuals as winter residents?

To what region do the birds go, particularly the young, that do not return to the vicinity of their original nests? Do birds adopt the same nesting

area, nest site and winter quarters in successive seasons?

For how many broods will one pair remain mated, and which bird, if not both, is attracted next year to the old nesting site?

To what extent do males of a species assist in incubation and brooding? How far from their nests do birds forage for food, and after the young have left the nest will the parent birds

to a stone on east side of road; thence south with said road about 10 degrees west 7 chains to a black oak on west side of road in hollow; thence west 121 chains to

a white oak in Tutters line; then north with Tuttens and Cook's line 45³/₄ chains to the creek at the mouth of little creek; thence east with the creek 17 chains to the bend of the creek; then south with the creek about 15 degrees east 351 chains to the beginning. containing 817 acres, more or less. This December 9, 1924.

J. H. Pardue, Executor of Major l'aroue, Mortgagee, J. I. rates and C. E. Moxley, S gnees

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