Scientists Cause Mixup of Sexes

March of Dimes-supported scientists have found that if they dip an egg into the right kind of hormone solution, they can change the sex of the unhatched chick from what it started out to be.

This, of course, is of concern to a chick which is supposed to be a rooster and hatches out with most of the features of a hen, or vice versa.

The research also is of direct concern to people, because the scientists believe they are on the track of what may cause some human beings to be born with mixed-up sex character-

A few cases of sex changes In people have become world famous. But according to Dr. Virginia Appar, director of the birth defects division of The National Foundation-March of Dimes, "It is a more common and important problem than Dimes, "It is a more common and important problem than most people realize. More and more infants and children are who are somewhere between pure male and pure female sex."

Such "intersex" is a biologic contradiction and a major mystery. How does it come about? Perhaps if we had the explanation, doctors could devise ways to prevent it or treat it to straighten things out again. out again.

That's why March of Dimes funds have been awarded to support investigations by Dr. Gregory Pincus, an interna-tionally recognized authority on hormones and research di-rector of the Worcester Foun-dation for Experimental Biology, Shrewsbury, Mass.

It is known that heredity factors can lead to sex abnormalities. But Dr. Pincus points out, "obviously heredity isn't the whole story." Hormones are undoubtedly involved, too.

Scientists speculate that cer-tain hormones or other substances in a pregnant mother's body may reach the cells of her unborn baby during the critical early days of growth and completely change the di-rection of the baby's sex development.

Though their project is still in its early stages, Dr. Pincus and his associate, Dr. Alan Erickson, have found that this

LITTLETON

NEWS

liott of Richmond, Va., are

spending sometime with Mr.

daughter are spending some-

Mrs. L. M. Chichester last

Arthur Bobbitt of Silver

Mrs. Sadie Bobbitt, and Mr.

Mrs. Allen Aldridge of Kins-

ton and grandchildren, Harvey

lotte, Mrs. Don Cheek and

daughter, Linda, of Raleigh,

Mr. and Mrs. J. B. Aldridge

and children of Norfolk, Va.,

with Mrs. Helen Bell. Mr. and

Mrs. J. B. Aldridge and chil-

dren returned to their home

on Sunday. Harvey and Clyde Alexander returned with them

to spend a week. Mrs. Helen

Bell, Mrs. Allen Aldridge and

Mrs. Don Cheek and daughter

left Sunday to visit Mrs. Ald-

ridge's daughter in a Charlotte

Miss Margie Jones of East Carolina College, Greenville,

spent the weekend with her parents, Mr. and Mrs. W. C.

and daughter of Henderson

spent Sunday with Mrs. Doris

and children of Richmond, Va.

spent the weekend with Mrs Nettie King.
Mrs. Effic Collins and daugh-

ters of Warrenton were Satur-

day visitors of Mr. and Mrs

Mrs. Catherine McNeil, Mr.

and Mrs. Edwin Stansbury and

son, Joe Ed, and Miss Harriet

Cheek of Warrenton were Sun

day afternoon visitors of Mr.

and Mrs. Seth Speight in Roa

Mrs. Bernice Aycock and children and Mrs. Cliff Har-

wood and daughter spent the

weekend in Portsmouth, Va.

with Mr. and Mrs. Jack Crit-

cher, Mr. and Mrs. Carlton

Critcher, Mr. and Mrs. Sam

Frazier and Mr. and Mrs. Cecil

Mr. and Mrs. Nick Mustian

were Thursday night visitors

Mrs. John Twisdale, Sr., of Norfolk, Va., is spending sometime with Mrs. Eunice

Sherrod Bell of

of Mrs. Lawrence Morris.

Mr. and Mrs. M. M Cyrus

Mr. and Mrs. Young Bobbitt

Hospital for several days.

Jones.

Taylor.

Clarence West.

noke Rapids.

and Clyde Alexander, of Char-

last week with his mother, Friday.

days this

and Mrs. W. B. Rodwell.

time at Bristol, Tenn.

and Mrs. John Curl.

severa

week.

Henderson and Miss Marie El- day.

Miss Molly Jane Bobbitt of Annie Lee Hilliard on Satur-

Mrs. Levi Humphreys and and visited Mrs. Irene Loy and

Spring, Md., spent several days and Mrs. Clarence West on

of Ahoskie visited Mr. and day in Greensboro.

son, William.

Mrs. Lee Jones and children Mr. Roger Jenkins spent Fri- Saturday afternoon.

Mr. and Mrs. Allen Conner

J., visited in the home of Mr.



Dr. Alan Erickson holds rooster hatched with characteristics of a isn't a male hen. March of Dimes-supported scientists found that in time nature reasserted itself and "hen" began to crow like a rooster.

further hormone treatment most of them eventually revert to the maleness that nature had intended for them. They grow combs and wattles and crow like any self-respecting rooster. Internally, too, matters are corrected and organs usually appear to be normal.

But once in a while there's an exception. The bird doesn't revert to male, but stays somewhere in-between. As a potential rooster, the tird is potential rooster, the bird is sterile. As a potential hen, it does not lay eggs.

When they came to trying the reverse egg-dipping experiment, changing the sex of a female chick to male, the Worcester Foundation researchers ran into a beginning the control of the only factor that determines sex. Whatever comes in contact with embryonic cells may alter them, or even destroy them. searchers ran into a baffling



Warrenton, North Carolina

Dr. Gregory Pincus holds tray of eggs before dipping them into solution containing a female sex hormone which will "feminize" an embryonic rooster. He is a March of Dimes research grantee.

For the hormone that "mas-culin zed" female chick em-bryos was progesterone. This isn't a male sex hormone by a long shot. In fact, it is mostly connected with female overies and its primary function is to keep things going smoothly during the course of pres aney. preg ancy.

oust why a "pregnancy hor-mone" should have such drastic effect on the sex of a female chick is another puzzling ele-ment in the birth development riddle that Dr. Pincus and his colleagues are trying to decipher.

Their long-range study, they pertant point beyond conten-

"Certainly the possible in-fluence of hormones needs theory holds water.

If an egg containing a four-day-old chick embryo is dipped for just ten seconds into a solution containing a female sex hormone, a budding rooster can be "feminized."

If such birds are allowed to hatch and mature without any solutions for intermining the eggs into a solution of mach hormone—didn't work.

So they checked a variety of other hormones. When they finally found a hormone that did tre trick, it went against all textbook expectations.

He was accompanied to

Mr. and Mrs. Arthur Wil-

liams and Mr. and Mrs. Grov-

Mrs. Roger Willey of Hali-

Mrs. Catherine Tanter and

fax was a visitor of Mrs. Jack

Mrs. Minne Hall of

ington, D. C., spent several for California, en route to

days last week with her par- Korea, after spending 30 days

ents, Mr .and Mrs. Johnny here with his wife and par-

Willie, of Richmond, Va., and Sylvia Shearin and Johnny

Mrs. C. W. Hilliard of Macon Acai attended 4-H Camp at

Mrs. Raymond Jenkins and er Williams and daughter of children spent several days at Elm City visited Mr. and Mrs.

Buckroe Beach, Va., last week E. C. Williford last week.

and children of Spotswood, N. Tant one day last week.

Mrs. Billy Carroll and son, Raleigh by Mrs. West.

visited in the home of Mrs. Millstone last week.

ents.

Salem spent several days last MAN OVER 21 to sell and North Carolina, to maintain tional wesek with his granJmother, Mrs. Alma Webster.

Miss Frances Isles of Littleton and Misses Sandra and Teresa Hopewel of Murfreesboro spent several days last week with their grandparents, Mr. and Mrs. H. E. Isles.

Mr. and Mrs. Sam Howell and Mr. and Mrs. Willfold FOR SALE-Fresh vegetables, Isles spent several days last week at White Lake.

Ropert Riggan of New York arrived on Thursday for a visit with relatives.

Mr .and Mrs. Willie Wagner and Mr. and Mrs. Civde Wagner spent the wekend at Nags Head

Mr. and Mrs. Raymond Harris and son, Phil, visited Mr. and Mrs. I. G. Best in Florence, S. C., on Sunday and visited Mr. and Mrs. Lemuel C. Cooke in Charlotte for several

Miss Margaret Jenkins of Greensboro spent last week with her parents, Mr. and Mrs. Raymond Jenkins.

Mrs. Raymond Haris attended the Perkinson-Harris wedding at Arcola on Saturday.

S./Sgt. William F. Walker returned to Kesler Air Force Base, Biloxi, Mirs., last week after spending sometime here with his parents, Mr. and Mcs. Fommy Walker.

W. E. Shearin has returned to his home in Portsmouth, Va., after spending sometime here with Mrs. Lawrence Morris and other relatives.

Research has brought about Their long-range study, they believe, will help explain some of the mysteries surrounding the carliest stages of human development. Their results have already pinned down one imfour million dollars in the past four million dollars in the past four million dollars in the past

> DIAL 303-1 FOR A RECORD WANT AD

Lost And Found

STRAYED from my about week ago, one whitefaced heifer, weighing about 300 lbs. Anyone knowing FOR SALE — Two Guernsey at an ele said Act. asked to contact B. W. Curby, Rt. 1, Warrenton, je29-2tp rin, Warrenton.

Help Wanted Male

Mrs. David Ryder of Odell YOU CAN make more as a visited Mrs. Jack Perkinson Rawleigh Dealer than at most anything else and it's Miss Margaret Jenkins and and Mrs. Charlie Alston on steady year around. Establised business available in Southwest Warren County. Write Rawleigh Dept. NCG-863, Richmond, Va. jy6-4tpd

Help Wanted

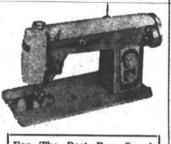
Wanted

WANTED — HOUSES AND Apartments for rent in War ren County. Contact Selby Benton at Benton Furniture Co., phone 406-6.

WANTED — Poplar logs and blocks 69" long. Goblet Ve-neers, Inc., Whitakers, N. C. m19-tfc

Business Opportunities

BUSINESS OPPORTUNITY -Reliable man or woman from this area to distribute complete line of cigarettes, confections, etc., through new automatic dispensers. We establish acceptable initial full-time more. personal interview, phone, etc. Write P.O. 156, Rochester, Minn.



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GALVANIZED of ROOFING

cock, Warrenton, N. C. m25-tfc

Refrigerators

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Liberal trade-ins. Warrenton Furniture Exchange. je22-4tc

LEGAL NOTICES

NOTICE North Carolina

Warren County
The undersigned, having qualified as administratrices c. t.a. of the estate of Estra D. WANTED — Salesladies for Saturdays or part time work. Apply Diamond's Discount Store, Warrenton, N. C.

je29-tfc

WANTED — Secretarial position, over 20 years experience. Write Box "K", c/o Warren Record. je22-ste Davis, deceased, late of War-ren County, North Carolina, immediate payment to the un-dersigned or their attorney. This the 29th day of June,

Route 2 Norlina, N. C. MRS. CHRISTINE D. Carroll Route 1 Warrenton, N. C.

CHARLES M. WHITE, III Attoney . Warrenton, N. C.

OND ORDER AUTHORIZ-ING THE ISSUANCE OF \$400,000 SCHOOL BONDS OF THE COUNTY OF WARREN.

WHEREAS, the County Board of Education has de-termined that existing school plant facilities in the Warren locations. Car and references desirable. Party must Unit are not adequate for the
have cash capital of \$900.

Good potential earnings partfor the nine months school For term prescribed by law, and give has requested the Board of Box Commissioners to provide the 1tpd sum of \$400,000 to finance additional school plant facilities such as are described in Section 1 of the Bond Order and which said County Board of Education has determined are necessary to enable the County of Warren, as an administra-tive agency of the public school system of the State of

Used **Televisions**

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EDDIE G. HAMM, JR. Tel. 510-8 Rt. 2, Warrenton

lows:

Section 1. The Board of Commissioners of the County of Warren has ascertained and hereby determines that it is toes in a few days. Call 751-1, Mrs. W. R. Hedgepeth, 129-2tc washer, in excellent condition. Warrenton Furniture Exchange.

Warrenton Furniture Exchange.

"THE Way We Were", new book by Mary Polk on sale Saturday at Polk-A-Dot Giff Shop, Warrenton, N. C. Telcophone 946-1, \$3.75 or \$4.00

I ows:

Section 1. The Board of the County of the County of the County of Warren has ascertained and hereby determines that it is the condition increasing to erect in the Warrenton of Commissioners of the County of the County of Warrentness that it is the condition increasing the event in the Warrenton of Administrative Unit, several buildings, to be used as school houses, school garages, physical education and vocational education buildings, teachers, and to reconstruct and enlarge, by the erection of additions, several buildings located in such Unit buildings, located in such Unit buildings located in such poses, and to acquire hishings and equiperessary for such new constructed or enlarged iin .

the nine months' school term
prescribed by law, and that it
will be necessary to expend
for such purposes not less than
of such indebtedness and the \$400,000 in addition to other levy of such tax, said bonds money which have been made shall be issued and a tax shall \$8.95 Per Sq. money which available therefor. Section 2. In order to raise such bonds.

WARRENTON f3-tfc

Warrenton, Nonc,

Chindro and furnishings and of accounts for equipment necessary for such bonds.

The polls for the election will close at the hour of 6:30 o'clock, A.M., and will close at the hour of 6:30 o'clock, P.M., Eastern Standard Time. The election will be held at the bour of clock, P.M., Eastern Standard Time. The election will be rate the pour of the following of the County of Warren are hereby authorized and shall be same polling places which have been ordered by the Board of Commissioners:

In River Precinct, the polling place will be at Norman Best's Service Station on U. S. Highway No. 158;

In Sandy Creek Precinct, the polling place will be at Ays
Warrenton, N. C. Barbellow facility of the county facility of the county facility of the county facility of the

HUNDRED THOUSALTS
lars (\$400,000).

Section 3. A tax sufficient to pay the principal and interest on said bonds when due vicksboro Road;

In Sandy Creek Florial polling place will be at Julian place will be at J

m18-tfc shall take effect when approved ed by the voters of the County are at an election as provided in Section 5. This Bond Order

O ALL Music Pupils — Buy your piano now with a small down payment. Ask for our special Summer discount. This applies to churches also. Liberal trade in Warrenton je29-2tp

The foregoing bond order was finally passed on the 2nd day of July, 1962, and was first published on the 6th day of July, 1962. Any action or proceeding questioning the proceeding questioning the validity of said order must be commenced within thirty days after the first publication. S. E. ALLEN,

S. E. ALLEN,
Clerk of the Board of Commissioners of Warren County,
North Carolina. jy6-2tc

COUNTY OF WARREN, NORTH CAROLINA NOTICE OF SPECIAL having NORTH

ELECTION

NOTICE IS HEREBY

GIVEN that a special election
will be held in the County of said County of the maximum principal amount of \$400,000, MRS. NORA D. FELTS
Route 2
Norling. N. C. the issuance of \$400,000 School Bonds of the County of Warren" adopted by the Board of Commissioners on July 2, 1962, to authorize the issuance of said bonds and the levy of such tax. The bonds are authorized to finance the cost of constructing in the Warren County School Administrative Unit, several new buildings to be used as schoolhouses, school garages, physical education and vocational education buildings, teacherages and lunchrooms and other school plant facilities and of reconstructing and coloring by the acception of

The ballots to be used at said election shall contain the words "For the Bond Order authorizing \$400,000 bonds to finance the cost of constructing, in the Warren County ing, in School School Administrative Unit, several buildings to be used as school houses, school garages, physical education and voca-

CKICKETS and Red lights Solvice Station. Warrenton j15-4/c

WE GLADIA LOAN a Blue Lustre Capet Shampoorer Free with purchase of Blue Lustre Shampoo. Warrenton State of North Carolina to maintain public schools in said school administrative unit for furniture Exchange the country of Warren, as an administrative agency of the public school system of the State of North Carolina to maintain public schools in said school administrative unit for the public school school administrative unit for the public school administrative unit for be levied for the payment of

on Henderson-

polling place will be at Jesse Harris' Old Store on the south Section 4. A statement of the County debt of the County of Warren has been filed with the Clerk of the Board of the Clerk of the Clerk

the Clerk of the Board of at Radio apl3-16tc

T. R.

Section 5. This Bond Order

The registration books shall be open for the registration of be open for the registration books shall be open for the registration of said County over the registration books shall be open for the registration of said County over the registration books shall be open for the registration of said County over the registration of s

FOR SALE Reconditioned Refrigerators LIKE NEW \$10.00 Down

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For Sale

North Carolina, to maintain tional education buildings, the school in the Wattern teacherages and lunchrooms, and other school plant facilities and of reconstructing and other school plant facilities and of reconstructing and other school plant facilities and of reconstructing and other school plant facilities and other school plant facili buildings, during such period, the Regis-inchrooms, trar for each election precinct election precinct between the hours of 9:00 o'clock, A.M., and sunset for the registration of voters. By order of the Board of

Commissiontrs of the County of Warren Dated, July 2, 1962.

S. E. ALLEN, Clerk of the Board of Com-missioners of Warren County, North Carolina.

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NORLINA, N. C.

Sale Of Real Estate For Taxes

As required by the General Statutes of the State of North enlarging, by the erection of additions, several existing buildings located in such Unit and used for such purposes, and acquiring land, furnishings on a cquiring land, furnishings on Monday, July 9, 1962. Liens are for delinquent 1961 tax existing Carolina, the Board of Town Commissioners of the Town of and equipment necessary for such new or reconstructed or enlarged buildings.

The ballots to be seen as the door of the Town Hall at 12 o'clock Neen on Monday, July 9, 1962. Liens are for delinquent 1961 taxes in the amounts listed plus four percent penalty (July) and a cost of one dallor per sale. property sold at the door of the Town Hall at 12 o'clock Noon

> Mr. and Mrs. W. L. Long, Residence - 2 Lots Jones 275.29 Macon and Williams, Vacant..... W. R. Taylor, Residence..... Mrs. Annie Burgess Alston, Residence..... Cleveland Anderson, Residence Chanie Battle, Vacant____ Thurston T. Brown, Funeral Home___ 101.41 Manson Green, Funeral Home Mrs. Laura W. Harvey and Others, Main Street ... Mrs. Anna Holloway, Vacant.... James Clifton Jones, Residence. Willie B. Lyons, West Franklin Street. James J. Richardson, Residence. Joseph T. & Gretchen T. Rich Mrs. Emma Scales, Vacant. Mrs. Gretchen Thornton, Dwelling. Walter Thornton, Reside

> > J. E. ROOKER, JR., Tax Town of Warrenton



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