

HOW

SQUIRRELS ARE USED TO WORK FOR GOVERNMENT.
—In conducting its extensive experiments to discover the best way to reforest waste lands or burnt-over forest lands the forest service has need of large quantities of forest-tree seeds, especially of the cone-bearing varieties. Since these trees do not bear every year, it is necessary for economic reasons to ascertain in advance what species will furnish good seed crops each year, as well as to undertake the gathering operations in regions where the cones are likely to be most abundant. For these reasons information is collected as to the bearing and conditions of the trees in different parts of the national forests, sometimes as much as two or three years in advance. This is possible because many of the species of pines take from two to three years to ripen their cones.

When lumbering is proceeding at the time of seed-ripening it is a comparatively simple matter to gather the cones from the felled trees. But when the trees are to remain standing it is sometimes a rather difficult task to get the cones without climbing the trees. A great deal can be accomplished with hooks or knives attached to long poles, but the forest rangers have learned to make use of nature's own seed-collectors for their purposes. Plenty of cones are found in the seed stores of the squirrels. This seems to be a very economical way for Uncle Sam to obtain his forest seeds.

Not only is this method convenient, but it has the further advantage of furnishing the best seeds. The squirrels apparently place in their hoards only high-grade cones. Moreover, the squirrels put their supplies away so early that it is possible for the foresters to come back to the squirrels' reserves after the cones still on the trees have opened up and scattered their seeds. The red squirrel is the best collector; in many of the holes of this species it is possible to find from eight to ten bushels of cones of good quality. The average quantity found in a single-cache is about two bushels. Other animals also store away seeds and cones, especially chipmunks and wild mice.

STORKS MAY BECOME EXTINCT

How Practice of South African Farmers Works Havoc With the Dutch "National Bird."

For centuries the stork has been the "national bird" of the Dutch. The majority of Dutch farmers erect nesting platforms for these well-liked birds. The stork is altogether desirable, and inasmuch as stork meat is not good eating the species has not been molested by sportsmen. Yet for several years the storks of Holland have been becoming fewer and fewer. Only recently has the reason been discovered.

The Dutch storks winter in South Africa. In the Transvaal, where, by an odd coincidence, most of the people are of Dutch descent, the farmers have been waging war against grasshoppers by covering their fields with poisoned bait. The grasshoppers eat the poison, the storks eat the grasshoppers. Thus there is a high mortality rate in the stork family, and if it is not checked both Holland and the Transvaal will soon be storkless lands.

How Engineering Tests Are Planned.
A small river upon which engineering tests can be performed will be created at Washington by government engineers if a bill introduced in Congress by Senator Ransdell of Louisiana is passed. Engineers believe that the scientific side of river hydraulics has not kept pace with the research and experimentation which has accompanied other branches of engineering, and they are urging the laboratory as provided in the Ransdell bill.

The recent disastrous floods of the lower Mississippi, the threatening attitude of the Colorado river and other periodic floods in this country are factors that are calling attention to need of more extensive study of flood control.

How Big Vessel Was Salvaged.
One of the most novel and ingenious instances of salvage was provided at Folkestone, England, some time ago. A vessel caught fire, and was sunk deliberately close to the quay. She turned over on her side, and the only difficulty that presented itself in the salvage operations was the question of how to get her righted. This obstacle was overcome by attaching wires to five large locomotives on land. These, when all was ready, pulled the ship over.

On another occasion, a sunken vessel was cut in two while under water, raised to the surface, fitted with new bulkheads, and brought home to be fitted together again.

How He Might Reach Him.
"Several men are ahead of me, but I'm very anxious to see Mr. Grabcohn and I can't wait."
"Well?"
"What had I better do?"
"He's a golf fan. You might yell 'Fore!'"—Birmingham Age-Herald.

ALL IN SCHEME OF NATURE

Why Human Beings and Lower Animals Have Lobes Is Explained by Scientists.

What we commonly call the ear—that is, the external part—is little more than a "telephone receiver," as it were, to the inner or true ear, with which all hearing is done. Of this "receiver" the lobes form an essential and necessary part. In Nature's wonderful way they are made to serve a very important purpose in keeping the drum of the ear properly stretched. Many waves of sound would be lost to the real ear were it not for the lobe.

The lobes of hunted animals, such as the hare or stag, point backward, and of hunting animals, such as the dog, forward. Originally, it is believed, our human lobes were movable, but, as with the advance of civilization, man had to depend less and less upon his sense of hearing for protection against danger, the muscles connected with our lobes fell into disuse and resulted in the lobes becoming practically a fixed part of our hearing machine.

How Atmosphere Affects Stars.

Atmospheric changes have a very marked effect upon the twinkling of the stars. For example, it is found to increase as the temperature falls and as the barometer rises. An experience of nearly forty years, says a writer in *Conquest*, showed M. Montigny that with the quantity of moisture in the air the twinkling of the stars increased so markedly as to serve for a useful prognostic of rain. Cyclonic conditions generally are found to promote it, whilst it is extremely sensitive to magnetic disturbances. Humboldt on one occasion in the tropics found that the stars shone with a mild and planetary light; their scintillation was scarcely sensible at the horizon. This, it is apparent, was due to the great homogeneity of the atmosphere, whereby the extremely fine pencil of light from the stars was not interfered with by unequally dense strata.

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NOTICE

The voters of Transylvania county are hereby notified that the Registration books for the general election, to be held on November 7, 1922, will open on Thursday, October 5, 1922 and will remain open until Saturday, October 28, 1922.

Owing to changes being made in several precincts and also by reason of the bad condition of the registration books, a new registration has been called in several precincts in the county and therefore all qualified voters living within the following precincts will have to register; namely, Boyd precinct, Brevard precinct No. 1, Brevard precinct No. 2, Brevard precinct No. 3, Eastatoe precinct, Old Toxaway precinct, Gloucester precinct No. 1 and Gloucester precinct No. 2.

All those who do not register can not vote on November 7th, 1922, so it is important that every qualified voter registers.

W. E. BREESE, Chairman
E. S. ENGLISH, Secretary

ADMINISTRATOR'S NOTICE

Having qualified as administrator of the estate of A. W. Cairnes, deceased, late of Transylvania county, N. C., this is to notify all persons having claims against the estate of A. W. Cairnes to present the same to the undersigned, in due form, within one year from this date, to wit: on or by the 1st day of September, 1923, or this notice will be plead in bar of their recovery.

All persons who are in any way indebted to said estate will make immediate settlement of same with the undersigned.

This, September 1, 1922.
MRS. A. W. CAIRNES
Administrator of A. W. Cairnes, deceased, of the estate of A. W. Cairnes.
Sept. 1-Oct. 6-pd.

NOTICE OF PUBLICATION

North Carolina
Transylvania County
C. B. Tinsley, et al.

vs.
Elsie Tinsley, Pearl Tinsley and Lollia Tinsley

In Superior Court before the Clerk. The defendant above named to wit: Elsie Tinsley, Pearl Tinsley and Lollia Tinsley, will each take notice that a special proceeding entitled as above has been commenced in the Superior Court of Transylvania county before the Clerk of said court for the purpose of selling certain real estate belonging to the plaintiffs and defendants as tenants in common,

wherein an estate formerly belonged to I. C. Tinsley and A. R. Tinsley, both deceased.

The defendants will further take notice that they are required to appear before the Clerk of the Superior Court of Transylvania county at his office in the Court House in Brevard, N. C., on the 7th day of October 1922 at 10 o'clock A. M. and then and there answer or demur to the petition or complaint, or the relief prayed for will be granted.

This September 7, 1922.
N. A. MILLER
Clerk Superior Court
Oct. 6.-W. G. C.

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NOTICE

At a meeting of the County Board of Elections of Transylvania County, North Carolina, held in Brevard on Monday, September 4, 1922, the following new election precincts were established in said county and the judges and Registrars appointed for said precincts as herein set out, to-wit:

BREVARD TOWNSHIP to be divided into three precincts as follows: Brevard No. 1.

Beginning at Wilson's Bridge on French Broad River thence in westerly direction with the public road, to Main Street in the town of Brevard; thence with Main Street to the Transylvania railroad track; thence, with the Transylvania railroad track, in a southerly direction, to Brushy Creek; thence with Brushy Creek to the main head of the creek; thence to the top of the ridge dividing the waters of Brushy Creek from the waters of Davidson River; thence with the top of said ridge to the Catheys Creek township line; thence, with the Catheys Creek Township line to the Dunns Rock Township line at French Broad river thence down the river and with the Dunns Rock Line to th beginning.

Voting place to be at or near the W. H. Allison estate store building on Main Street in the town of Brevard, N. C.

Brevard No. 2.
Beginning at Wilson's Bridge on French Broad River, thence down French Broad River and with the Dunns Rock Township line to the mouth of Lambs Creek, thence up and with Lambs Creek to the main head thereof; thence to the top of the ridge that divides the waters of Lambs Creek from the waters of Davidson River; thence with the top of said ridge in a southerly direction to the line of Brevard Precinct No. 1; thence, with the line of Brevard Precinct No. 1 to the beginning.

Voting place to be at or near Ashworth's feed store on Depot Street in the Town of Brevard, N. C.

Brevard No. 3.
Beginning at a point in the French Broad River at a point opposite the mouth of Lambs Creek in the Dunns Rock township line; thence up and with Lambs Creek to the main head thereof (with the line of Brevard Precinct No. 2); thence with the line of Brevard Precinct No. 2, to the top of the ridge dividing the waters of Lambs Creek from the waters of Davidson River, on one side, from the waters of Lambs Creek, Kings Creek, Brushy Creek and with the line of Brevard Precinct No. 2 and Brevard Precinct No. 1 to the Catheys Creek township line; thence with the line dividing Catheys Creek and Brevard Township to the Gloucester township line, thence with line dividing Gloucester and Brevard townships to the Haywood County line; thence with the Haywood County line in a northeasterly direction to the Boyd township line; thence with the line dividing Brevard and Boyd Townships to the Little River Township line; thence with the line dividing Little River and Brevard townships to the Dunns Rock township line; thence with the line dividing Brevard and Dunns Rock townships to the beginning.

Voting place to be at or near the office of the Brevard Tannin Company, Pisgah Forest, N. C.

Eastatoe Township to be divided into three precincts as follows:

(1) East Fork Precinct to remain as now constituted.

(2) Eastatoe Precinct, described as follows:
Beginning at a point in the South Carolina line, the southwest corner to East Fork Precinct line; thence in a northerly direction with East Fork Precinct line to the Catheys Creek township line; thence with the line dividing Catheys Creek and Eastatoe townships, in a westerly

direction to the Gloucester township line; thence with the line dividing Eastatoe and Gloucester townships, to the Hogback township line; thence with the line dividing Eastatoe and Hogback townships in a southerly direction, to the top of the Blue Ridge; thence with the top of the Blue Ridge to the old election ground; thence with the public road leading to the Little Cane brake, to Eastatoe Gap on top of the Blue Ridge; thence with the top of the Blue Ridge in a southeasterly direction to the South Carolina line; thence with the South Carolina line to the beginning.

Voting place at a point on the road leading from Rosman to E. M. Whitmire's residence between said Whitmire's residence and the church.

(3) Old Toxaway Precinct, described as follows:
Beginning at a point on top of the Blue Ridge, in the South Carolina line, corner of Eastatoe Precinct; thence, with the top of Blue Ridge, and with the line of Eastatoe Precinct in a northwesterly direction to the Hogback Township line; thence with the line dividing Eastatoe and Hogback Townships in a southerly direction to the South Carolina line; thence with the South Carolina line in an easterly direction, to the beginning.

Voting place at the public school house near the residence of W. M. Meece.

Gloucester township to be divided into two precincts as follows: Gloucester Precinct No. 1.

Beginning in the gap of Big Mountain in the old road leading from Cherryfield Creek to Gloucester township and in the Catheys Creek township line; thence, following said road to the forks of the road at the bridge across the north fork of French Broad River; thence up said river to the mouth of Tucker's Creek; thence up Tucker's Creek to the bridge across said creek near old Robinson Mill dam; thence in a westerly direction with the public road to the Jackson county line in Tennessee Gap; thence in a southerly direction with the Jackson County line and the top of Tennessee Ridge to the Hogback township line; thence with the line between Gloucester and Hogback townships to the Eastatoe township line; thence with the line between Gloucester and Eastatoe townships to the Catheys Creek Township line; thence with the line between Catheys Creek and Gloucester townships to the beginning.

Voting place at or near Macedonia church.

Gloucester Precinct No. 2.

Beginning at a point in the Jackson county line in Tennessee Gap corner of Gloucester Precinct No. 1; thence in a northerly direction with Jackson county line to the Haywood county line, on the top of Tennessee Bald; thence with the Haywood county line and the top of Pisgah Ridge to the Brevard township line; thence with the line between Brevard and Gloucester townships to

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- Boys' Pants 89c and up.

W. L. MULL

Cor. Caldwell and Jordan Streets, Brevard, N. C.

the Catheys Creek Township line; Brevard No. 1—Fred Shuford, Registrar; Pat Henry and D. L. English, Judges.
Brevard No. 2—E. F. Gillespie, Registrar; H. E. Stowers and W. H. Grogan, Sr., Judges.
Brevard No. 3—John Morris, Registrar; R. L. Gash and T. A. English, Judges.
Gloucester No. 1—Albert Price, Registrar; Golden and M. F. Galloway, Judges.
Gloucester No. 2—J. H. House, Registrar; Nath Batson and Hinsin McCall, Judges.
East Fork—Charley Gravely, Registrar; J. A. Gillespie and J. L. Garren, Judges.
Eastatoe—L. V. Sigmon, Registrar; E. M. Whitmire and Carr Glazener, Judges.
Old Toxaway—W. M. Meece, Registrar; Fannie Allison and Jim Powell, Judges.

It is further ordered by the Board of Elections of Transylvania county that the voting place of Boyd township be moved from its present location to a point at or near Enon church.

On account of the torn, scratched and dilapidated condition of the registration book of Boyd township, it is ordered that there be a new registration of voters of Boyd township.

It is further ordered by the Board that there be a new registration of voters of Brevard Precinct No. 1, Brevard Precinct No. 2, Brevard Precinct No. 3, Gloucester Precinct No. 1, Gloucester Precinct No. 2, Eastatoe Precinct and Old Toxaway Precinct, as same are described hereinbefore.

It is further ordered by the Board that the following named Registrars and Judges be and they are hereby appointed for the Precincts created by this order.

It is further ordered by the Board that the foregoing orders be published for twenty days in the Brevard News, a public journal or newspaper published in Transylvania county, according to law.
Brevard, N. C., September 6, 1922.
W. E. BREESE, Chairman
E. S. ENGLISH, Secretary
C. F. WOODFIN, Member
Board of Elections of Transylvania County, North Carolina.



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