

**Norma Jean's Beauty Salon**

**HAPPY NEW YEAR**

And never-ending happiness for everyone. Thanks for your kindness.

to all our fine customers!

**1973**

**1973**

**1973**

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Let every month become an exciting beginning! Warm thanks for your support.

**Carlisle Drug Co.**

THE REALITY SHOP

CARLISLE, KY.

**Welcome, New Year**

**50 Years of Honest Dealing**

Join the people you like so much and say hello to a sparkling New Year! To all our good patrons our fondest gratitude.

**50 Years of Honest Dealing**

**Cynthiana Motor Co.**

**Charlie Mann's Auto Repair**  
General Tires

### 'Nervous' goats fly to England for research

Four "nervous" goats from the University of Cincinnati Medical Center are being flown to England for research at the laboratory to start a colony there.

The special Parliamentary Order was issued to permit the animals to enter that country.

The myotonic goats were acquired by UC for a long-term research project in myotonia, a genetic defect in muscle fibers also called "twitching" and "stiff" goats. It is used in a collaborative research project there in a rare hereditary muscle defect known as myotonia.

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The myotonic goats were acquired by UC for a long-term research project in myotonia, a genetic defect in muscle fibers also called "twitching" and "stiff" goats. It is used in a collaborative research project there in a rare hereditary muscle defect known as myotonia.

Dr. Bryant explains that the defect is not painful nor life threatening. Properly cared for, they are in the Cincinnati facility, the animals live in an open way. Incidentally, seven dozen human volunteers in Cincinnati have donated muscles for a research project which is conducted by Dr. Raymond J. Lippit, associate professor of pharmacology and medicine in which Dr. Bryant is collaborating. Neither human or goat subjects are harmed by the minor surgery, performed under anesthesia.

Dr. Bryant himself has been licensed to work with animals in England, as required by the Cruelty to Animals Act passed in 1876 during Queen Victoria's reign. He had to prove to the authorities there that his experiments "are designed to advance by new discovery physiological knowledge or knowledge useful for curing or prolonging life or alleviating suffering."

Support for Dr. Bryant's work comes from the Muscular Dystrophy Association of America, and the National Institutes of Neurological Diseases and Stroke, of the National Institutes of Health. Dr. Bryant has a doctor's philosophy degree in physiology from the University of Chicago.

While the Cincinnati goats are still in quarantine, Dr. Bryant will study samples of muscles from normal English goats. Under a microscope he expects to find four fibers from the muscle. The single fiber is put into the voltage clamp and three micro-electrodes penetrating the fiber make measurements of the electrical mechanism of the membrane of the cell—the mechanism which gives rise to the impulse of the muscle. This detailed study of the membrane mechanism cannot be obtained from any other technique, according to Dr. Bryant.

"This, in essence, is how the voltage clamp works: It holds the cell's voltage constant so that measurements can be made of the currents that occur during a few thousandths of a second.

The myotonia defect is known to be an abnormality of the production of muscle impulse. As Dr. Harvey wrote years ago, it is "the involuntary presence of voluntary contraction."

"The nerve tells the muscle what to do and when to stop, but in myotonia, the muscle continues to contract even after the nerve activity stops," Dr. Bryant explains.

Dr. Bryant will use the voltage clamp to further test his finding that the unstable cells in myotonic muscle fibers are not necessarily chloride ions. Chloride permeation is necessary for stable muscles.

These studies in Cambridge will probably be the first to apply the voltage clamp to warm-blooded muscle, such as frogs and crabs. "In the future, at the University of Cincinnati, we hope to be able to apply this technique to study human muscle," he says.

The voltage clamp, incidentally, has been modified to measure muscle fibers from the original equipment to measure nerve fibers, developed by Prof. A.I. Hodgkin and Prof. A.F. Huxley, which

**ONWARD TO A NEW YEAR**

Join the parade to celebrate this once-a-year event in good form! Warm thanks.

**Gene's T. V.**

**A New Year is Arriving!**

It's been a pleasure to serve you the past year. Many thanks.

May it hold the beginnings of new friendships. Keep you in good health and heights—happiness everyday of the year. Our pleasure is serving you.

**Marshall's Restaurant**

**1973! A HAPPY NEW YEAR**

As we bid farewell to the old year and celebrate the arrival of the new, we pause to add a note of thanks to all.

**Baker's Dept. Store**

### FOR SALE NOTICE

**FOR SALE:** One Warm Morning golf heating stove, one upright freezer, one couch, Olin Davis, Moorefield Road, Carlisle, Phone 289-2772. 15-21-Tpd.

**FOR SALE:** Two piece chair Conrath couch set \$69.00. Other styles to \$139.00. Lerman Bros., Carlisle. 15-24-Tpd.

House on Eastern Ave. in Carlisle, for sale or rent, 8 rooms on first floor. Call Paris 967-3778. 15-21-Tpd.

**FOR SALE:** May 50 cents per bale. See Allen Ray Sparks or call 289-2403.

**FOR SALE:** Three cemetery lots in Carlisle Cemetery next to the Hord S. Bell lot. 475 each. Contact Mrs. W.K. Kearney, Versailles, Ky. 40382; Route 1, Phone 607-43103. 15-21-Tpd.

**FOR SALE:** Work horse. Good. Work anywhere. Elgin Edens. Phone 289-2556. 15-28-Tpd.

### FOR RENT

**FOR RENT:** House on Scruggs Green Road or about Jan. 1. William S. Caldwell 494-5151. 15-21-Tpd.

**ENROLL NOW - Classes starting heavy course. Make application at Winchester Beauty College, 47 So. Main St., Winchester, Ky. Dial 744-2166. 11-30-50c.**

### LP GAS

Don't let installation be a headache. Dependable Service. Southern States Owingville Petroleum Service PHONE 674-6321 Owingville

We Not Only Service what We Sell. We'll Service what You Bought!

Charles A. Gales, Serviceman Appliances-TV & Stereo Refrigeration

Washers, Dryers, FRIGS, small appliances, small engines, water systems, chain saws, air conditioner, antennas, etc. 15-21-Tpd.

### WANTED

**WANTED:** To rent farm in Nicholas, Kentucky, 10 to 20 acres. Have all equipment and references if needed. Phone 241-3611 after 6 p.m. 15-21-Tpd.

**WANTED:** Men wanted to work full time at Pennington Ridge Pet Food Co. 15-24-Tpd.

**WANTED:** Want to rent tobacco, hay or corn for 1973. Have all equipment necessary. Farrell Alexander, Route 3, Carlisle, Phone 289-2772. 15-28-Tpd.

### POSTED

All persons are hereby notified not to trespass, fish, hunt, trap or shoot upon the land of the undersigned. Any person caught trespassing in violation of this notice will be reported to the Sheriff and prosecuted to the fullest extent of the law. It is necessary that you take this step to protect your property and wildlife.

Clara McGowan, Route 1, Easting, Mo. 64727

Shearlie Farn and Lina Palmer, Neomox, Ky. 40367-1137-3pd.

The farm of Cecil and Ann Rogers, Upper Jacksboro Road. 617-717

### Outdoor Lore

By Neely Shackelford • University of Kentucky College of Agriculture

In autumn, I did not know of the fact that great phenomenon of bird migration, that some of these migrants had been around nesting in my very own woods since early spring.

Sometimes I went out to bring in the new from the pasturefield at evening milking time. I tried to fool these birds by taking along a singbird and exciting them by flying it high in the air. Thinking the tiny missiles to be insects, the birds would dart toward them, only to pull up short after realizing their mistake. Then, sometimes, as if entering into the spirit of the game, they would chase the pebbles as they fell back to the ground. It was a lot of fun, and now I never forget the goal birds, thus giving the long past day when I was unknowingly naming my birds. I recall, too, the natural history. Nighthawks are also sometimes known as "goatsuckers." This odd name, never to originate, goes back to early times when Old World shepherds believed these twilight hunters visited their goat flocks at night and robbed them of their milk. As they once hawked flies and mosquitoes about the backs of our milk cows in the open pasture, the birds probably did the same thing over the goat herds, thus giving the superstitious shepherds a false impression.

Nighthawks do not fly in flocks as large as in the days of yore, but they are still around in considerable numbers. You may see them any day now at twilight as autumn settles down once again on the earth.

**Peace on Earth**

The Nicholas County Bar Assoc.

Sincere wishes for a Happy New Year!

**Happy New Year**

**Mann's Music Center**  
Carlisle, Kentucky

### ADMINISTRATRIX NOTICE

All persons knowing themselves to be indebted to the estate of Lester E. Green, deceased, will call upon the undersigned at once and settle same; and those having claims against said estate will present same properly proven to the undersigned (or attorneys) for payment. Lala Carter, Administratrix, of the estate of Iva L. Cannon, deceased. Conley and Conley, attorneys. 15-24-Tpd.

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The farm of Cecil and Ann Rogers, Upper Jacksboro Road. 617-717

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All persons knowing themselves to be indebted to the estate of Lala B. Smith, deceased, will call upon the undersigned at once and settle same; and those having claims against said estate will present same properly proven to the undersigned (or attorneys) for payment. Sam E. Smith, Administrator, of the estate of Lala B. Smith, deceased. Charles M. Cox, attorney. 15-24-Tpd.

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### classified ads get the job done

**Economic Stabilization**

**Questions and Answers**

**Internal Revenue Service**

This column of questions and answers on the President's Economic Stabilization Program is provided by the local office of the U.S. Internal Revenue Service and is published as a public service. The column answers questions most frequently asked about wages and prices.

**Q:** How are legal fees controlled under the Economic Stabilization Program?

**A:** Law firms with more than 50 employees can not raise legal fees above a 2.5 percent annual limit. This ceiling applies to increases in legal fees for the 12-month period that began Nov. 1, 1971, and each succeeding 12-month period. Firms which have already raised their aggregate fees above the 2.5 percent limit since Nov. 1, 1971, will not be permitted further increases until the excess is worked off.

**Q:** May a firm include interest on long-term debts as an allowable cost when calculating its current profit margin and its base period profit margin?

**A:** Yes. Under a new Price Commission policy, companies with fiscal years beginning after July 31, 1972 must report interest on long-term debts as an operating expense when calculating their current profit margin and base period profit margin for Price Commission purposes. Previously, only interest on obligations maturing within one year had been allowed in making these computations.

**Q:** Can a firm increase prices because of an increase in sales tax?

**A:** No. Sales taxes collected by a firm for its customers are not part of a firm's annual sales or revenues nor would they enter into profit margin calculations. Moreover, an increase in the sales tax rate would not justify a subsequent increase in prices. An increase in excise taxes, however, would justify a price increase, because the tax is imposed on the production of the item, whether or not the product is ever sold. Thus, an excise tax is an allowable cost.

**School starts Tuesday**

**Harrison County Vocational Center ANNOUNCES Evening Classes For Adults**

Registration: **January 4, 1973**

**7:00 - 10:00 P.M.**

Tuition: \$5.00-NON PERSONAL CHECKS PLEASE

**COURSE OFFERINGS**

<b>ACCOUNTING</b>	42 hours
Principles of Bookkeeping applied to both personal and business.	
<b>AUTO MECHANICS</b>	30 hours
ONLY THURSDAY NIGHTS. Diagnosis and Repair of various engine malfunctions.	
<b>ELECTRICITY</b>	42 hours
Basic fundamentals of insulation.	
<b>ELECTRONICS, Basic</b>	30 hours
ONLY MONDAY NIGHTS. Program designed to cover AC and DC electricity, magnetism, meters, inductive reactance, and capacitors.	
<b>ELECTRONICS, Advanced</b>	42 hours
Transistor principles, circuit configurations, transistor amplifiers, transistor oscillators, circuit special devices.	
<b>SERVICE STATION</b>	30 hours
Management and Operations.	
<b>SHORTHAND</b>	42 hours
Reference course for those who use Shorthand daily.	
<b>TYPIING I</b>	42 hours
Basic principles of elementary typing.	
<b>TYPIING II</b>	42 hours
Intermediate Typing for speed building and accuracy improvement of typing skills.	
<b>WELDING</b>	42 hours
Principles of Arc and Acetylene Welding as it is applied to various trades.	

The cost of each complete course is \$5.00 plus books which vary according to the nature of the subject being taught.

Registration: **Thursday, January 4, 1973 7:00-10:00 p.m.** at Harrison County Vocational Center. For additional information phone 234-5286. After 4:30 p.m. phone 234-1869.

**MACHINE SHOP**  
Blue Print Reading  
**MACHINE SHOP**  
Engine Lathe Operation

Scheduled at a later date—will be announced.  
Scheduled at a later date—will be announced.