

## Cranbrook Plans Satellite Exhibit

A simulated space satellite of the type successfully launched by a Vanguard rocket will be exhibited at Cranbrook Institute of Science from Nov. 1 to 15.

The exhibit was arranged through the cooperation of Randall R. Penhale of the U. S. Treasury savings bond division for Michigan.

Cranbrook Institute of Science is open free on weekdays, 2 to 5 p.m.; admission is charged on weekends.

### Ends Orientation

PORT SAM HOUSTON, Tex.—First Lt. William J. Cosgrove, 25, son of Mr. and Mrs. Joseph E. Cosgrove, 3915 N. Telegraph, Bloomfield township, recently completed the military orientation course at Brooks Army Medical Center, Fort Sam Houston, Tex.

## NATURE NOW

By Lydia King Frehee  
Special Writer for The Birmingham Eccentric

# Frost Concludes Time For Nectar Gathering

The same frosts which kill the last of the flowers end another season of nectar gathering for the bees.

None of the insect hives leads such a strenuous life as does the worker bee, many of which live only a few weeks. They are infertile females; egg-laying is confined to the queen.

In addition to their major task of honey making, they do the housekeeping in the hive as well as feeding, nursing and guarding its occupants. These industrious insects make from 40,000 to 80,000 visits to many times this number of flowers to gather enough nectar to produce a single pound of honey. It is estimated that each trip averages a gage between one and one and a half miles, so that a single bee travels at least twice the distances around the world to gather enough nectar to make a pound of honey.



Mrs. Frehee

AN ESTIMATED 150 to 200 million pounds of this valuable sweet are collected annually in the United States alone. This is possible only because of the highly specialized organization of the bee colony and the countless number of worker bees, sometimes as many as 20,000 attached to a single hive.

The nectar is gathered in a crop bag much like a bird's crop which acts as a second stomach. On the way back to the hive chemical changes occur due to the addition of saliva. In this process partial digestion cane sugar is hydrolyzed to glucose (grape sugar) and fructose (fruit sugar). Other minerals are added and the water content of the nectar is greatly reduced.

WHEN THE BEE reaches the hive, he regurgitates the partially digested nectar, filling the awaiting honeycomb cells. More evaporation takes place as strong air currents fill the hive, produced by the rapidly beating wings of the workers. When the cell is filled with properly "ripened" honey, it is capped with wax. At the propolis the bee-keeper collects the filled comb, leaving a suitable amount of honey for the nourishment of the hive.

Because it is already partially digested, honey is the most wholesome sugar, high in energy and body building properties. In addition, it is used as a natural sweet in the processing of foods. Thousands of years ago the Egyptians added it to their secret embalming formulas.

HONEY IS EXTRACTED from the comb by machine. The remaining beeswax is used in making such products as cosmetics, candles, adhesive tape, carbon paper and crayons. It is also used for water-proofing materials and in making electrical and lithographic products.

Unlike honey, beeswax is not a

product of nectar but is secreted in liquid form by glands on the under side of the bee's abdomen. It hardens into flakes and is scraped off with a kind of pin on the insect's hind legs. By chewing, peeling and smoothing, legions of workers use this material to construct the mathematically perfect honeycomb cells.

### PRIMITIVE MAN'S

first sweetening came from wild bees which stored their honey in hollow trees

### LEGAL NOTICE

Oliver Kirk, Atty., 207 Wabash Bldg., Birmingham, Michigan 18113

STATE OF MICHIGAN The Probate Court for the County of Oakland

In the Matter of the Estate of HELEN E. POTTER, Deceased.

It is the order of the Court in said County of the City of Pontiac, Michigan, A. D. 1960.

Dated: Honorable Arthur E. Moore, Judge of Probate.

Order appointing time for hearing claims.

Notice is hereby given and it is hereby ordered that the time and place for hearing on claims against the above estate shall be the 15th day of December 1960 at nine o'clock in the forenoon at the Probate Court in the Court House at the City of Pontiac, Michigan.

All creditors or claimants against the above estate are further notified and ordered to prove their claims at said hearing and order to said hearing by the written claim therefor, with this Court and with the fiduciary of this estate, under oath, containing sufficient detail reasonably to inform the fiduciary of the nature and amount of the claim.

It is further ordered that notice be given to all interested parties as shown by the records in this cause by delivering a copy of this order to each of them personally, or by mailing such copy to each of them by registered mail with return receipt demanded addressed to their respective last known addresses as shown by the files and records in this cause.

And it is further ordered that public notice thereof be given by publication of a copy of this order once each week for three successive weeks previous to said day of hearing in the Birmingham Eccentric a newspaper printed and circulated in said county.

ARTHUR E. MOORE,  
Judge of Probate.  
31, 32, 33, 34

### Attends Meeting

Grant Barber, Quanton school principal, will attend the Michigan education association's annual coordinating conference Friday and Saturday at Michigan State university.

### Water Usage Rises

Water usage for September increased to 121,122,686 gallons compared to August's 110,894,481 gallons for a monthly water cost of \$20,552.32. Record day for the month was Sept. 8 with 6,504,177 gallons used.

# GENERAL ELECTION

TO THE QUALIFIED ELECTORS:

Notice is hereby given, that a General Election will be held in the Township of Southfield, County of Oakland, State of Michigan on Tuesday, November 8, 1960 at the place in each of the Precincts as listed below:

- PRECINCT NO. 1—ASCENSION LUTHERAN CHURCH, 14 MILE & PIERCE.
- PRECINCT NO. 2—GREENFIELD SCHOOL ON FAIRFAX
- PRECINCT NO. 3—ASCENSION LUTHERAN CHURCH, 14 MILE & PIERCE.
- PRECINCT NO. 4—BEVERLY SCHOOL, BEVERLY ROAD WEST OF SOUTHFIELD ROAD.
- PRECINCT NO. 5—FRANKLIN FIRE DEPARTMENT, FRANKLIN ROAD, FRANKLIN VILLAGE.
- PRECINCT NO. 6—WYLLIE GROVES HIGH SCHOOL, 13 MILE ROAD & EVERGREEN.

For the purpose of electing the following officers, Vice-NATIONAL: President and Vice-President of the United States State: Governor, Lieutenant Governor, Secretary of State, Attorney General, State Treasurer, Auditor General CONGRESSIONAL: United States Senator, Representative in Congress

LEGISLATIVE: State Senator, Representative

COUNTY: Prosecuting Attorney, Sheriff, County Clerk and Register of Deeds, County Treasurer, Drain Commissioner, Surveyor

NON-PARTISAN: One Justice of the Supreme Court (to fill Vacancy)

Two Judges of Probate and for the following Constitutional Amendments:

1. Proposed Amendment to Article X of the Michigan Constitution adding a section 28 relative to school bonds and state loans to school districts.
2. Proposed amendment to Section 23 Article X of the Michigan Constitution increasing the sales tax limitation.
3. Proposed Amendment to Section 4, Article XVII of the Michigan Constitution relative to constitutional conventions.

The Polls of said election will be open at 7 o'clock a.m. and will remain open until 8:00 o'clock p.m. of said day of election.

Fannie Adams, Township Clerk

## PARKING TICKET?



# NO SIR! — NOT IF YOU SHOP AT MARTY'S

**WEST SIDE STORE**  
Free Parking  
Free Parking in Our Own Parking Lot

**DOWNTOWN STORE**  
Free Parking  
Park In Briggs Building Lot Back of White Tower. We Stamp Your Ticket With Purchase.

**MARTY'S records**

**DOWNTOWN**  
2 Borsara North of Birmingham Theatre MI 6-9939

**WEST SIDE**  
Corner Maple and Cranbrook Rd. MI 6-4927

# WHAT'S YOUR INVESTMENT I.O.

- Can you pass this test?
1. Opening a brokerage account is similar to:
    - (a) Opening an account at a bank;
    - (b) establishing an account at a department store;
    - (c) joining an exclusive club.
  2. The brokerage commission for purchasing 100 shares of common stock selling at \$25 is:
    - (a) 1.26% of the purchase price;
    - (b) 3.72% of the purchase price;
    - (c) a flat 5% of the purchase price.
  3. What is the charge for professional consultation and market data?
    - (a) \$5.00 per item;
    - (b) \$20 per month;
    - (c) The service is free.
  4. Under the monthly investment plan, you can buy stocks by making a periodic investment of as little as:
    - (a) \$40 every quarter;
    - (b) \$40 every month;
    - (c) \$100 every month.

**Score Yourself Here**

1. (b) You can open a brokerage account at Watling, Lerchen & Co. as easily as you open an account at your favorite store. Simply stop in at the office nearest you, and discuss your investment objectives with our registered representative. There are seven conveniently located Watling, Lerchen & Co. offices to serve you.

2. (a) You pay only a nominal commission on your securities purchases and sales, the amount varying with the money involved in the transaction. This commission covers all services and details of the transaction.

3. (c) There is no charge for professional consultation or assistance, market data, research information, etc. You pay only one nominal commission at the time you purchase or sell securities.

4. (a) Many of our present customers were pleasantly surprised when they first learned they could become stockholders by investing as little as \$40 every three months. Our Systematic Investment Plans provide a convenient, no-cost way to begin building an investment portfolio.

Free information which explains how to achieve your investment objectives—extra income, tax-free income, capital appreciation, etc.—is yours for the asking. Simply fill out the coupon below and mail it today. No obligation, of course.

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NAME \_\_\_\_\_

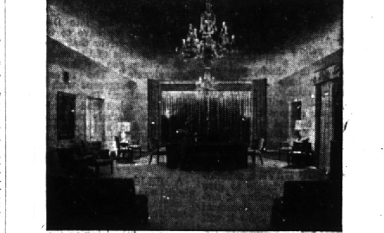
ADDRESS \_\_\_\_\_

CITY \_\_\_\_\_ ZONE \_\_\_\_\_ STATE \_\_\_\_\_

PLEASE! Provide information on items checked below:

- What Every Investor Should Know
- Monthly Investment Plans
- Tax-Free Bonds
- Growth Stocks
- 4 Low-Priced Stocks for 1960
- Income Securities
- Annual Dividends

## Beautiful Chapels



There is one available to you to meet every requirement for both size and religious appointment. Private family rooms are adjacent. And our Directors are determined to provide the personal and intimate services required, with understanding, reserve and respect. Our dedicated services cost no more.

**Wm. VASU Funeral Home**  
4375 N. Woodward Ave., between 13 & 14 Mile Roads  
Liberty 9-0509

*First of a thousand happy hours!*

Forgive him if he takes the long way home. For the temptation is great when the day is fine and the car is Cadillac—and the name on the title is yours.

The first thing he senses, as he glides out onto the boulevard, is comfort. The car is so generous in its interior dimensions that he can really stretch out and relax.

And what a wonderful outlook he has on the world about him! Wherever he looks, he finds himself surrounded by vision.

Then, as the miles float by, the car's true brilliance in motion begins to unfold. Cadillac's improved power steering, he finds, has taken the last degree of effort out of handling. Its great new engine in a veritable symphony of controlled power and precision. And its new ride is smooth and quiet almost beyond belief.

So it goes—until he turns at last into that familiar driveway.

And the wonder of it is that, if he is like most owners, he'll spend more than a thousand such delightful hours in the driver's seat before a single year has passed.

In fact, it is doubtful that, in all the world of possessions, there is another that provides such lasting pleasure—in such constant measure—as a new Cadillac car.

Have you thought of adding a Cadillac to your happiness?

This is the perfect season to make the move—and an early order will assure you a full year with the current model.

Reason enough, we'd say, to visit your Cadillac dealer tomorrow.

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**WILSON PONTIAC-CADILLAC, INC.**  
1350 NORTH WOODWARD  
PHONE MI 4-1930