

Nature's Beauty Is Only Her Concern For The Future

Tomorrow at 10:40 p.m. is the summer solstice which ushers in our longest days with their maximum hours of sunlight. Now is the high tide of the flowering season. Gardens and meadows reach their peak of perfection before the slow stain of summer falls on leaf and petal, on grass and tree.

However, the beauty of early summer's blooming, which is so satisfying to us, is only incidental to nature's plan. It is nothing more than a by-product of her concern for insuring the future of the species.

FOR EVERY flower that opens has only one goal: to set in the brief hour of its blooming the seed which will carry on its kind. And it is toward this end that nature moves her creative hand as she conducts her endless experiments with the stuff of life.

No flower has more than four parts: calyx, corolla, stamens and pistil.

The calyx, which is the green or outer envelope of the flower, serves to protect and support the bud; it is variously shaped and frequently divided into sepals which may serve a dual purpose by doubling as petals. It is usually green, but if it takes the place of petals, it may be white or colored as it is in the case of such families as the lilacs and birches. Sometimes the sepals are united into a cup like those of the case.



Mrs. Frehse

THE COROLLA, which is the most variable part of the flower, is the inner floral envelope whose divisions are called petals. It may shade and protect the pistil and stamens and it may serve to attract insect visitors while acting as a landing platform for them.

Seed production is impossible without the essential stamens which manufacture the pollen grains and the pistil which receives them. The lower portion of the pistil swells into the ovary where the seeds ripen. Frequently separate staminate and pistillate flowers occur

masses, an arrangement which makes for the most efficient insect pollination.

Today's scientist, probing a flower's structure and habits, adds daily to the mounting sum of our knowledge of plants. But he may be the first to admit that there is much which yet eludes him.

IT IS WRITTEN that on a day in June the great Linnaeus had retreated to his garden at dusk to enjoy its fragrance and beauty. The moon came up and the night-flying moths were fluttering about their business of pollinating the white flowers, when a servant approached to announce a visitor.

Whereupon the great botanist, feeling the mystery and beauty all about him, said, "Tell him I have at this moment another more important guest. The presence of God is passing by."

A DRAB PINE cone bears little resemblance to our usual concept of a flower, but its male and female components function together and are adequate to produce the all-important seed.

Such species as the oak-bearing trees and the grasses which are also wind pollinated have more highly developed flowers, but again the brightly colored corolla is missing because it is not needed.

As flowers became more highly specialized, nature turned to insect pollinators which are more efficient agents. Here she uses brightly colored corollas which act as landing platforms and which frequently offer nectar and pollen as bait.

OFTEN, INSECT pollinated flowers have a intricately shaped corollas to fit the pollinating agent, as do ladies slippers, which are formed to accommodate bees, trumpet flowers tuned to humming birds and honeysuckle to long-tongued butterflies and moths.

Sometimes an offensive odor serves to attract the insect, as in the case with carrion vine and skunk cabbage, which use carrion flies as pollinators.

THE MOST highly developed flowers in today's flora, such as the asters and goldenrods, belong to the composite family. They have brightly colored flowers born in

By Lydia King Frehse
Special Writer for The Birmingham Eccentric

36 Piano Students Appear in Recital In Pontiac Church

Several Birmingham and Bloomfield Hills piano students of Mrs. Everett E. Harris took part in a recital Friday night at All Saints Episcopal Church in Pontiac.

The young pianists included Patrick O'Brien, Noel Ruessman, Dallas Austin, Ralph Allen, Jackie Curtis, Alice Buckley, Dudley Austin, Patricia Newmyer, Carol Francis, Kevin O'Brien, Patricia Walsh, Thomas Bohatch, Brenda Fields.

James Read, Sharon O'Brien, Marilyn Alexander, James Duery, Pat Wassels, Linda Stern, John Ruessman, Madeline Ruessman, Susan Allen, Joel Nouse, Amy Ruessman, Anne Ruessman, Linda Fields, Patrick Duery, Reja Jean Alexander, Bettie Lott, Paul Noble, Elizabeth Read, Linda Buhner, Kathy Walsh, Nancy Nouse, Bruce Hall and Robert Harris.

Detroit has more trees than any other city in the nation. Its forest population includes 650,000 trees whose value is \$60,000,000.

Local Best Sellers

Fiction
SHOES OF THE FISHERMAN — Morris L. West
ELIZABETH APPLETON — John O'Hara
GRANDMOTHER AND THE PRIESTS — Taylor Caldwell

Nonfiction
MERRIAM WEBSTER'S 7th NEW COLLEGIATE DICTIONARY
I OWE RUSSIA \$1200 — Bob Hope
THE PROPHET — Khalil Gibran

Care for Carpets

Three beauty hints for carpets, advanced by a national rug-cleaning association, are these: (1) Clean daily with a carpet sweeper. The carpet sweeper is a handy tool and is especially good for frequent light pickups. (2) Carefully vacuum your rugs once or twice a week. (3) Have your rugs professionally cleaned at least once a year.

July 20, 1963 THE BIRMINGHAM (MICH.) ECCENTRIC 7-D

WE'VE REFUSED

... more sales than we've made

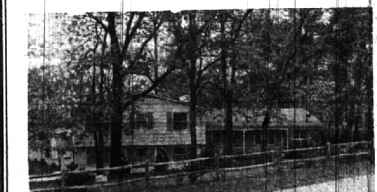
... in Overbrook*

... because we prefer only the Best!

MAX BROOK INC.

MI 4-6700

*West Long Lake and Lahser Roads.



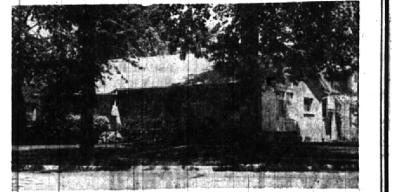
BEAUTY SPOT—Surrounded by tall trees and overlooking a scenic pond, this traditional Tri-level is tastefully decorated throughout. **FOUR BIG BEDROOMS**, 2 glamorous tile baths and 2 lavs, spacious family room with fireplace, porch, basement, and attached 2 car garage. **FUN TO OWN!** \$49,900



COZY NEST—Neat as a pin and immaculately maintained, this modest Bungalow is also convenient to schools, shopping, and transportation. 3 nice bedrooms (one on the professionally finished 2nd floor), bright and cheery kitchen, full basement, and garage. **LOOK! \$12,500.**



CONTEMPORARY BI-LEVEL—Designed by Don Young, you'll find this home dramatic from the moment you view the open stairs to the expanded lower level. With soaring studio-ceilings in the living-dining room and kitchen, there are 3 bright bedrooms, 2 1/2 tile baths, 27 foot family room with second fireplace, and attached 2 car garage. **OUTSTANDING! \$38,200.**



BETTER THAN NEW—A smaller family will enjoy delightful living in this appealing Ranch near Seaborn High. 2 twin size bedrooms plus optional 3rd bedroom or library, cool and relaxing jalousied porch, spacious kitchen and breakfast area, full basement, and attached 2 car garage. **CARPETS AND DRAPES! \$27,800.**

HALL & YOUNG

REALTORS

"Twin offices"

BIRMINGHAM 345 S. Woodward MI 6-7900
BLOOMFIELD 4114 W. Maple MA 6-5900

OPEN TILL 9 P. M.

Showcase of homes

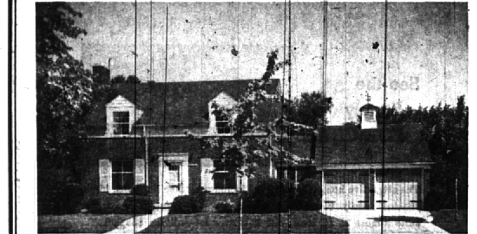
"Showcase" features each home listed with Hall & Young in lighted photos and color slides. **RESULT**—more effective sales exposure for sellers and easier selection for buyers.

Answer To Puzzle 762

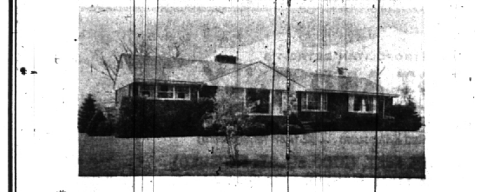
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-----

Put Leather to Test

Saddle soap is an excellent cleaner for all kinds of leather and has a good preservative effect, too. Dyes used in coloring leather are sometimes of poor quality and before attempting any cleaning, a test should always be made to learn whether or not the color is fast. If it is not fast, the cleaning of the leather should be put in the hands of an expert.



WANT A NICE PLACE TO LIVE? Beverly Hills is beautiful! 3 bedrooms, 2 baths, library that can be used as a 4th bedroom and a separate dining room. Good, big kitchen with electric range. Recreation room and carpeting included at \$29,200.



CHANCE TO BUY a lovely home on large lot near Lahser and Thirteen Mile. 3 bedrooms, separate dining room and two fireplaces. Screened porch and paneled recreation room in basement. Loads of closet space. In excellent condition.

BIRMINGHAM MEMBER OF

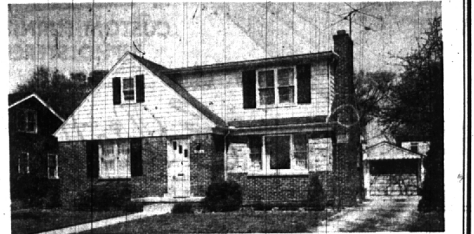
HOMERICA

INC.

THE HOMEFINDING SERVICE OF AMERICA



IN BLOOMFIELD HILLS—near the Kirk—on canal off LOWER LONG LAKE! Four bedrooms, 2 1/2 baths and 45 foot family room with fireplace plus hobby room. Superbly built. So many extras you simply **MUST SEE IT!**



LOOK WHAT YOU CAN HAVE on a dead end street near Chesterfield stores and churches. Walk to Quarten school. 4 bedrooms, dining room, library and large paneled recreation room. Ideal spot for CHILDREN.



IT'S NEW—IT'S VACANT—WE HAVE THE KEY! One block to Detroit bus and Birmingham shops. Residence never occupied owing to owner's change of plan! New carpeting and some draperies. Three bedrooms and kitchen-dinette. Recreation room space in basement. \$18,800.

Weir, Manuel & Snyder, Inc.

298 South Woodward Birmingham, Michigan Realtors Birmingham 644-6300
Phones: From Detroit 566-2323