

NATURE NOW

Species Take Cover Against the Cold

The winter solstice which marks our shortest day occurred on Dec. 22 at 9:02 a.m. This is the signal for the official beginning of winter in our Northern Hemisphere.

We have enjoyed a long and lingering autumn, and now life enters a period of rest. The stripped branches of trees each dark against a gray sky, many leaves are emptied of summer's bounty and the woodlot is enfolded in silence.

But the cold bareness of a winter landscape is only one of winter's deceptions. Life is yet secreted all through much of it as hidden and silent. It is cloaked in one of our special garments, snug from the cold and wet of winter, safe against possible extinction.

of plant and animal to carry its kind safely through the hazards of winter.

IF NO SUCH pattern could be found the species became extinct and another better suited to survive took its place.

Water, life's earliest protector, still remains a safe haven for many creatures. Driven from their shallows by layers of ice, some retreat to its warmer depths. Others like amphibians, crustaceans and mollusks hibernate in soft mud banks or bottoms.

Myriads of insects are killed by frost, but as true of wasps and hornets, the female hibernates in cracks or crevices to carry over safely hidden within her body the already fertilized egg.

BIRDS FLEET OF wing and hollow of bone are well adapted for the long migration flight which carries many of their kind to a winter haven in the tropics.

Lizards, turtles and snakes, remnants of the great reptilian bloat of the past, have learned how to hibernate under stone or rotted log, cold body coiled and inert.

Mammals have developed warm bloom and heavy coats of fur to insure their lives. Many hibernate living through the winter on fat stored up during autumn's abundance, their respiration and heart beat all but extinguished.

PLANTS, TOO, have developed many techniques for survival. Deciduous trees shed their leaves and enter a state of near-death.

Evergreens have small scale-like leaves which conserve moisture during the winter. Trees and shrubs have grown woody limbs and trunks protected by bark which makes them impervious to cold.

Herbaceous perennials retreat to root-stock or bulb where the pattern of the species is preserved and by which the new growth is fed during another springtime.

But it is the encased seed which conquered the hazards of winter for much of our modern flora. Within its protective shell it carries not only the pattern of the plant, it is also packed with a lurch of starches and sugars with which the new embryo is nourished until it can establish its own root and leaf system.

By Lydia King Freese, Special Writer for The Birmingham Eclectic

Mrs. Freese

Legal Notices

NOTICE OF HEARING ON SPECIAL ASSESSMENT IMPROVEMENTS BY BLOOMFIELD TOWNSHIP BOARD

TO THE OWNERS OF THE FOLLOWING DESCRIBED PROPERTY: ... TAKE FURTHER NOTICE that the Township Board of the Township of Bloomfield has tentatively declared its intention to make the following improvements:

DEBORIS V. LITTLE, Township Clerk. ... M'Elroy, O'Brien and Roth, Attys., 406 Fisher Building, Detroit 2, Michigan

STATE OF MICHIGAN - The Probate Court for the County of Oakland. ... MARY W. MARTIN, Deceased.

CERTIFICATION. I, Mary Pipe, Register of the said Probate Court in and for the County of Oakland, Michigan, do hereby certify that I have compared the foregoing copy with the original record thereof, and the same to be a correct and true copy of the whole of such original record.

Keeling, Beuge & Hothwiler, Attys., 6019 Pontiac, State Bank Bldg., Pontiac

STATE OF MICHIGAN - The Probate Court for the County of Oakland. ... BERTHA NEFF, Deceased.

CERTIFICATION. I, Shaky Godeshian, Senior Deputy Register of the said Probate Court in and for the County of Oakland, Michigan, do hereby certify that I have compared the foregoing copy with the original record thereof, and the same to be a correct and true copy of the whole of such original record.

Seaholm's Puck. A midwinter pickup was "A Midsummer Night's Dream" presented by the Seaholm High School Proseum Club.

Advertisement for Seaholm's Puck, featuring a picture of a fireplace and text describing the play and the fuel company.

Advertisement for Cannel Coal, featuring a picture of a coal bin and text describing the product and the fuel company.

Page 4-D B'HAM ECLECTIC

Friday, December 27, 1963

However, it has been beset with a multitude of hazards throughout the millennia which represent its past existence. To surround these it was forced to evolve the diversity of plant and animal species with which it now populates the earth.

S. Oakland Symphony Names Two Winners

Cowinners of the first annual youth auditions sponsored by the South Oakland Symphony Society are violinist Lorraine Messick of Franklin Road and cellist Robert Schwarts of Huntington Woods.

Wayne Offers Courses at Addams High

Birmingham-area residents have been advised that Wayne State University will offer 11 courses at the James Addams Junior High School in Royal Oak during the winter term.

All courses will begin at 4:30 p.m. on Monday, Jan. 6, 1964. Offered for either graduate or undergraduate credit is a course, Education 6011, dealing with recent research movements and developments in the educational systems of major European countries.

Clark Eastham, Royal Oak composer and teacher, and Gordon Staples, concert pianist and assistant concertmaster of the Detroit Symphony Orchestra, were the audition judges.

Cole Porter Music Adorns Comedy Show

Vanguard Theatre of Detroit has unvamped a Merry Christmas comedy, "You'll Never Know," adapted by P. G. Wodehouse and decorated with the music of Cole Porter.

Wernher Was Here. Dr. Wernher von Braun, the German-born physicist and U.S. missile authority, was a distinguished guest lecturer in March during the 1962-63 season at Birmingham Town Hall.

ART CLASSES. STARTING WEEK OF JANUARY 13th. ART SUPPLIES FOR THE AMATEUR AND PROFESSIONAL. PICTURE FRAMING. EXPERTLY DONE IN OUR OWN SHOP.

REGISTRATION NOW FOR ART CLASSES. 1220 N. Woodward (E. Side) 2 blocks South of 12 Mile Rd. CALL LI 8-7680.

ART FOR ART'S SAKE. Arterie Shows How To Supermarket Olds

I've had an experience! I'd much holiday hustle I finally got to see Arterie, the new art gallery at 13 Mile and Woodward, Royal Oak.

ACTUALLY, THE paintings comprise a relatively narrow phase of art. They are all versions of the French moderns of the early 20th century.

WHY DO I term this an experience? Because I felt like a mouse in a maze with an experimental scientist recording my every reaction and anticipating most of them.

FROM THE BOOKCASE: Children's Letters to Shari Result in Truly Funny News

DEAR SHARI by Shari Lewis; Stein and Day; New York, 1962; \$2.95.

MARIAN TRAINOR. Art Linkletter has pretty well established the fact that "kids say the darndest things."

IT DOESN'T SEEM possible but it is probable that there are those who haven't heard of Shari and her delightful puppet, Lamb Chop.

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set. We don't have to like the stuff Everybody's got his own taste, say the owners.

Some of the painters, who are from France, Spain and so on, are probably quite good when they are really trying, but in copying themselves for mass production have ironed the life out of their works.

These supermarket type galleries are multiplying around the nation. Detroit has one. Chicago's is called the Garage (it's in one and you really do push a wire cart around the one in Los Angeles).

Why do critics lambaste these categories of art world? There is nothing wrong with the gullible public having an imitation or bolted-down version of the real thing. Much of our society's reaction against accumulating the paraphernalia of an "image" of our role in society.

children's minds is a compilation of choice letters which has received from her loyal little fans. The missives are enhanced with expressive pen and ink drawings.

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