

Science Institute Preparing Another Plant-Life Diorama

Due to her climate, soil and geological history, Michigan's lower peninsula has two types of forest. On higher and better drained sandy soil oak-hickory forests occur, while on lower and heavier soil beech-maple forests are found. In the upper peninsula, evergreen forests are the climax or ultimate stage of vegetation.

Other plant communities are dunes, sand dunes and logs are but transitional stages in the development of the forest climax. The Hall of Michigan Plant Life, at Cranbrook Institute of Science, when completed, will show these three forest climaxes and some of the transitional or successional stages in their development.

Macfarlane T. Bingham, botanist, at Cranbrook Institute of Science, planned and supervised these reproductions of Michigan plant life recently on display. She selected the plant communities most representative of Michigan and chose the definite places to be reproduced as outstanding examples of their kind.

Field studies of the sites chosen were made by Dudley M. Blakely, artist-propagator of the Cranbrook Institute of Science. From these first hand records he painted the backgrounds in the Hall of Michigan Plant Life. Supervision of the installation of these plant groups has been his. For each exhibit, Mr. Blakely has worked out a combination of incandescent and fluorescent lighting; incandescent light for shadows, fluorescent light for sunlight effect.

The foreground plantings were assembled and arranged by James Carmel.

Open only until June 15, the Hall of Michigan Plant Life, is again closed for work on the last two exhibits.

Conservation Men Conserve Rubber

LANSING—After one conservation officer half-filled his car with old boots, blown-out tires and discarded tubes picked up along a road, P. J. Hoffmaster, director of the conservation department, requested all field employees on routine patrol to bring in all rubber they can locate along their side-road "beats."


The officers' law enforcement, land inspection, timber sale and game and fish observation work takes them regularly along roads little frequented by maintenance crews, and gives them an exceptional opportunity to collect discarded tires and tubes. All other employees of the department are joining the state employee scrap rubber drive, registering individual contributions from their homes.

Junior Walthers League
Members of the Junior Walthers League, Redeemer Lutheran Church, were guests of the East Detroit Walthers League at a hike on Tuesday evening.

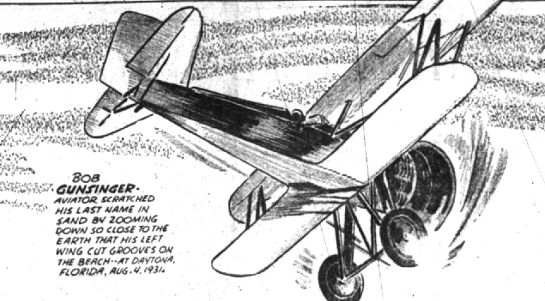
Some Swishing!

Rocketing from Delver to New York, a distance of 1800 miles, in 4 hours 33 minutes, Capt. James Philipot swished through the air at 8 1/2 miles a minute. He flew a P-34 pursuit interceptor plane.

TICKLERS
By Hayes



But It's True!



BOB GUNZINGER—AVIATOR SEARCHED HIS LAST NAME IN SAND BY ZOOMING DOWN SO CLOSE TO THE EARTH THAT HIS LEFT WING CUT GROOVES ON THE BEACH AT DAYTON, FLORIDA, AUG. 11, 1913.

Gunzinger actually managed to cut one-foot-deep grooves in the sand. His plane was undamaged and he was unhurt.

HALVORS MANSONE—WAS MAJOR OF BEACONH, TEXAS, TWO YEARS AFTER HIS ARRIVAL AS AN IMMIGRANT FROM ENGLAND. HE SPOKE NO ENGLISH WHEN HE ARRIVED IN TEXAS.

Obituary

Mrs. Emiline Shinkman
Funeral services were held Tuesday morning for Mrs. Emiline Shinkman, 77, at the Colonial General Home and the St. Andrews Cathedral in Grand Rapids. Burial was at Greenwood Cemetery in that city. Mrs. Shinkman died from a heart attack at the home of her daughter, Mrs. Lewis B. Sappington, 487 Arlingdon road, where she was visiting.

Mrs. Shinkman was a lifelong resident of Grand Rapids, where she attended St. Mary's Schools. She was an active member of the St. James Catholic Church and a past president of the St. Cecilia musical society. Mrs. Shinkman was also active in club activities, being a member of the Federation of Women's Clubs, and a past president of a Parent-Teacher Association unit in Grand Rapids.

Surviving Mrs. Shinkman, besides her daughter, are three sons, Bernard E., of Houston, Texas; Karl B., of Grand Rapids, and Paul A., of Washington, D. C.; and a sister, Mrs. Louis F. Brown, of Des Moines, Iowa.

Almon Hutton
Funeral services were held Monday afternoon at the Bell Funeral Home for Almon—Hutton, 748 Ruffner street, who died at his residence on Friday morning, following an illness of two years. The Rev. Peter MacKay, assisted by the Rev. J. O. Nelson officiated at the services. Burial was at Greenwood Cemetery.

Mr. Hutton was born in Franklin, 77 years ago and had lived in this district all his life. A gardener by trade, he was a member of the Modern Woodmen of America and of the Foresters of America. Mr. Hutton was married in Corunna, Mich., 52 years ago, to Luella Vincent, who survives him. Other survivors include three sons, Asa, of Birmingham, Ala.; of Ovid, and Clifton, of Pontiac; and two daughters, Mrs. G. T. Ostrander and Mrs. G. Danison, both of Pontiac.

Social Briefs

JEAN ANNE HEINMULLER has been given the position as life guard at the hotel at Epworth Heights, Livingston, Mich.

JIMMY BREWER, of Woodland avenue, is visiting his grandparents, Mr. and Mrs. C. J. Moon at Traverse City.

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3 1/2 lb Loaves **29c**

JANE PARKER DOUGHNUTS FRESH Doz. **12c**
ADP TASTY CRACKED WHEAT BREAD 3 16 Oz. Lvs. **29c**
FRESH ORANGE LOAF CAKE A TREAT 15-Oz. Cake **19c**
DOUBLE FUDGE LAYER CAKE MOIST 22-Oz. Cake **31c**

LUX TOILET OR PALMOLIVE SOAP 3 Cakes **19c**
GENTLE PALMOLIVE SOAP 3 Cakes **19c**
SUPER SUDS Large Pkg. **21c**

BIRELEY'S ORANGEADE Bottle **14c**

NEW PACK PEAS 2 No. 2 Cans **23c**

WRIGHT'S SILVER CREAM POLISH 2 1/2 Oz. **25c**
WRIGHT'S GLEASNER 4 Cans **25c**
P&C SOAP 5 Bars **22c**

WOODBURY'S TOILET SOAP 3 Cakes **22c**
BORAX 2 Lb. **23c**
ECONOMICAL BORAXO 2 Large Cans **25c**

HEINZ NEW PACK BEANS 17-Oz. Jar **12c**
HEINZ 5 BAR SOAP 5 Bars **22c**

BAKER MAID COOKIES 16-Oz. Pkg. **15c**

THE SAFE SPEEDY CLEANSER SUNBRIT GLEASNER . . . 5 Cans **23c**
GUTRITE WAX PAPER . . . 2 for **33c**
OXYDOL Large Pkg. **22c**

CLAPP'S BABY FOODS 4 Cans **25c**

NORTHERN PAPERTOWELS 3 Rolls **25c**

KOOL CIGARETTES Cts. **\$1.19**
BEER RABBIT GREEN LABEL MOLLASSES 2 1/2 Oz. **27c**
BEER RABBIT GOLD LABEL MOLLASSES 12-Oz. **17c**

DROMEDARY GINGER BREAD MIX Large Pkg. **19c**
DROMEDARY DEVILS FOOD MIX Large Pkg. **22c**
3NO-SHEN CAKE FLOUR 2 1/2 Lb. **23c**

LARSEN'S VEG-ALL SOAP 2 No. 2 Cans **21c**

SWEETHEART SOAP 4 Cakes **25c**

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Corn Syrup Found In Napoleonic Era

Abundantly available corn syrup, one of the major products of the corn wet-milling industry, has again captured the limelight as a sweetening agent to augment the nation's war-time sugar rations. Strangely enough, corn syrup owes its existence to a sugar shortage caused by another war. Around 1810 during the Napoleonic wars, the European continent was so thoroughly blockaded by the British that among other things an acute sugar shortage developed, and Napoleon offered a reward of 100,000 francs to any scientist who could produce a su-

gar from products available on the continent. A German chemist succeeded in producing not only sugar but also a syrup from starch, using potato starch, his domestic product.

This discovery remained unimportant until an American, Cicero J. Hamlin, established a factory in Buffalo, New York, in 1873 for the manufacture of syrup from corn. This country's most abundant crop.

With sugar rationing it was natural that the general public should want to know our situation with reference to our supply of sugar.

One of the leading sugar firms in the United States has made a complete survey of the situation and reports the following findings: "We believe that today the out-

look for sugar is not at all discouraging. True, sugar continues to be a scarce commodity, but from the standpoint of available supplies, the situation is definitely brighter. For example, while we will probably not receive any further sugars from the Philippines this year, yet so far the shipments from Hawaii have been encouraging, considering all things. We may reasonably assure that 800,000 tons of Hawaiian sugars should reach us during the current year.

Another promising development is the increased estimate of the current Cuban crop. Originally it had been believed that Cuba had available for grinding purposes sufficient cane to make only 3,600,000 long tons. The latest

estimate indicates a figure of 3,950,000 long tons.

Then again, it must be borne in mind that practically all of the domestic beet crop now being planted will be in refined sugar form by the end of this year—sugars within our borders and easily transportable. This crop, based upon the latest reports of the U. S. Department of Agriculture, should be between 20% and 25% larger, weather permitting, than the crop harvested in 1941. This would indicate a best sugar production of 1,800,000 short tons, raw value, upwards.

We should have a supply of 6,508,000 raw tons available, with normal requirements 6,800,000 tons.

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FRESH, TENDER GREEN PEAS 2 LBS. **25c**

SANTA ROSA PLUMS TASTY-SWEET 2 Lbs. **29c**

OUTDOOR TOMATOES FOR REAL FLAVOR 2 Lbs. **25c**

CALIFORNIA HEAD LETTUCE 60 SIZE 2 Heads **25c**

FRESH, TENDER GREEN BEANS CRISP 2 Lbs. **15c**

HOME GROWN GREEN PEPPERS 3 For **10c**

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DUCHESS NEW APPLES 2 Lbs. **19c**

OUTDOOR CUCUMBERS 2 For **9c**

SWEET BING CHERRIES 1 lb. **21c**

MICHIGAN CELERY 2 stalks **13c**

FRESH SWEET CORN 6 Ears **23c**

FRISH APRICOTS 2 LBS **29c**

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WILDMERE CREAMERY ROLL BUTTER FRESH Lb **39c**

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AMERICAN OR BRICK LOAF CHEESE MEL-O-BIT 2 Lbs **53c**

PHILADELPHIA CREAM CHEESE 2 Pkgs **15c**

WISCONSIN MILD CHEESE 1 lb. **27c**

CREAMY WHITE BRICK CHEESE 1 lb. **29c**

DOMESTIC SWISS CHEESE 1 lb. **37c**

MEL-O-BIT SWISS Cheese 2 Lb. **59c**

PIMENTO OR AMERICAN CHEESE FOOD 2 1/2 Lbs. **27c**

PABST-ETT CHEESE FOOD 2 1/2 Lbs. **33c**

SUREGOOD OLEO MARGARINE 2 Lbs. **31c**

GOOD LUCK MARGARINE 1 lb. **24c**

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