

GOING, GOING -- And soon to be gone is this source of river pollution. These overflow drains, which empty part of East Lansing's sewage into the Red Cedar, will be eliminated once the new sewage plant is put into operation. Although the drains usually run only in the early afternoon, they still add to the river pollution problem. Photo by Ken Roberts

Bogue Bridge Opens To North-South Traffic

Parking Ban Impact Worries East Lansing Businessmen

Structure To Ease Car Flow

3 Year's Wait Ends At Last

By DICK HANSEN
State News Staff Writer

Getting about the campus is easier now with the Bogue Street bridge having been opened to traffic Tuesday.

It was opened to use as soon as the paving was completed. The contractor, Raff & Dexter of Lansing, is expected to complete cleanup work within a few days and then the University will have some landscaping work.

Plans are being made for a dedication program at a later date, according to acting City Manager Art Carney. City Manager John Patriarche is vacationing.

Also to be considered is the plan for handling the increased traffic at the intersection of Bogue Street and Grand River Avenue.

Originally it was intended to remodel the intersection to permit turns in every direction. Now space is not available for the remodeling and the traffic pattern plan is somewhat disrupted.

City Engineer Robert Bruce said that the elimination of one left turn appeared to be necessary, but the discussion was resumed at the Tuesday meeting of the Traffic Commission.

Until some decision was made about revising the situation, Bogue Street would continue to be a full stop street.

A bridge to carry Bogue Street over the Red Cedar was first considered in the University's expansion plans 15 years ago, but the action leading up to the construction didn't start until three years ago.

Then acquiring the right of way needed for the span to be big enough for four lanes of auto traffic and two pedestrian walks held up the project until last October.

East Lansing, which is splitting the project costs, an estimated \$250,000, paid \$31,277 for the needed land and then awarded the construction contract on a low bid of \$207,594.92.

Even with the new restricted driving regulation going into effect this fall the Bogue Street bridge is expected to be a boon to campus traffic.

Formerly campus traffic across the Red Cedar was channeled to three bridges—Hagadorn Road on the east limits and Harrison Road on the west with only Farm Lane in the center.

With the rapid development of the East Campus dormitories and the Science Complex the importance of the new bridge is expected to increase steadily.

The East Lansing Chamber of Commerce is just as concerned as University officials over traffic problems which could result from the new campus driving regulations this fall.

City officials expect that the on-campus prohibition against student driving and parking could bring about an abnormal amount of traffic congestion in East Lansing for at least the first half of the term.

Bud Goodwin, one of the chamber's 13 directors, says he thinks that students will attempt to use their cars to get as close to the campus as possible for the first four to six weeks of the term. Goodwin submitted a special report to the chamber on ways to improve East Lansing's parking programs.

At a recent joint meeting, University, Chamber of Commerce and city officials agreed that the new transportation setup on the campus is "an unknown quantity" at the present time.

"We don't know yet how the students will react to the ban on driving and how much they will use the bus system," Goodwin said. "But it's to be expected that students will give it the 'old college try' for awhile and

try to make use of their cars as much as possible."

However, Goodwin said that city officials think much of the congestion will taper off after students adjust to the reality of the new driving regulations.

"Right now we're just guessing," Goodwin said. "Crystal-ball gazing is always risky."

Goodwin said the East Lansing Chamber of Commerce would love to be able to provide 18,000 parking spaces for students near the campus, but it is economically and physically impossible.

A Chamber of Commerce bulletin suggests several measures which could open up more parking spaces in East Lansing city lots.

The meeting between MSU and city officials came up with four possible steps which could help the parking situation:

1. Encouraging employees and office workers to use the city storage lot at Linden and MAC for a rate of \$5 per month rather than using attendant lots.
2. Adding an extra exit at each attendant lot to speed parkers on their way.
3. Conducting a survey to study the possibility of building parking

(continued on page 3)

Harris Finds AUSG Topping Other Schools

If All-University Student Government President Bob Harris learned anything from the Student Body President's Conference last week, it was how good AUSG really is, he said.

Although he did get some ideas for new projects from the conference, which was held at the University of Minnesota, Harris said it was more a matter of the representatives of other schools learning from Michigan State.

MSU was actually the central figure at the conference, he said, despite the fact that one of the main speakers was Russel Kirk, a former Michigan State professor who has made many bitter criticisms of the University and President Hannah in particular.

Harris, Bryan, Ohio, senior, said that by most standards of measurement student government at MSU was "head and shoulders above" student governments at other schools.

Some of the measuring standards he noted were student participation, administrative acceptance and even student interest,

which has been one of the major failings of AUSG according to some critics.

Much interest was also expressed in Michigan State's student judiciary, Harris said. At most other schools discipline matters are either dealt with directly by the administration or by a judiciary appointed by the administration.

In other cases, he said, the judiciary merely recommends action to the administration.

At MSU the student judiciary is selected by students. Its decisions are subject to review by the dean of students, but, Harris said, only once has a judiciary decision been reversed during the entire history of the system.

One of the most interesting things resulting from the conference was the formation of the State University Information Service, Harris said. It will have its headquarters at MSU and will serve as a center for information about projects which different universities have undertaken or are currently working on.

(continued on page 4)

River's Decline Called Minor

Editor's Note: This is the third in a series of articles on various aspects of pollution problems on the Red Cedar River.

By MIKE KINDMAN
State News Staff Writer

Concern for the Red Cedar River is spread through many University offices and departments. Most of the people in these offices are convinced that the river is in great need of some repair and clean-up.

Among those apparently not so strongly convinced of this are University planning, design and maintenance personnel. In the offices of these people, the word "polluted" enters conversations about the river less frequently than it does in some others, and when it does enter the conversation it is as likely as not to be in a sentence like, "We don't pollute the river."

The speaker here is Harold W. Lautner, director of physical plant planning.

Lautner said there is much concern in the University for cleaning up the river, but that the emphasis is mainly on the landscape and not on the water itself.

Lautner said he has never known the Red Cedar to flow a faster or greater average flow than it has now, nor to have a more diverse or numerous fish population. He said any decline

that has taken place in the river is relatively minor and primarily the result of non-University factors.

"It isn't our stream," he said, pointing out that MSU lies only along the lower portion of the stream, and that most of the damage to the river is done upstream from the campus.

Most of what the University does send into the river, Lautner said, is harmless material. On the whole, he said, no campus is "housekept" as well as is that of MSU. Some decline in the river quality, he said, is inevitable and should be expected as long as "the human being" is present.

In spite of the human, economic and logistic problems involved in river maintenance, however, Lautner is optimistic.

"I think we're going to make a lot of headway in the stream in the next several years," he said. "If I didn't, I'd be rather discouraged."

Some others are discouraged already, but Milton Baron, campus landscape architect, is not one of them. He went into the history of the University's attitude toward the river to point out the great improvement that has taken place.

Until after World War II, Baron said, the river was considered the campus' back door, and was used almost exclusively for

drainage and sanitary purposes. Since the post-war expansion of the campus, the University has landscaped areas along the river whenever possible.

The appearance of the river this year, Baron said, is due mainly to the extremely low water level, the result of some four years of below-average rainfall.

This, he said, is responsible for the unusually low rate of flow and the extensive growth of duckweed and certain algae on the surface of the water. The temperature of the water and the amount of silt in the river are higher than usual, Baron said.

Both said that the river "should

be" free of chemical or other artificial wastes from University sources.

It is sometimes charged that the University is indeed responsible for depositing harmful material into the river, and possibly with attempting to cover up the effects of this.

The episode of last spring's fish kill on the river is used as an illustration by faculty members who investigated it of official cover-up of potentially hazardous practices. The fish kill was tentatively attributed, in a report made to President Hannah,

(continued on page 5)

1,000 Laymen And Clergy Gather For Cursillo Meet

The largest conference in the history of the Roman Catholic Cursillo movement opened Wednesday in Brody Hall.

More than 1,000 Catholic laymen, priests and bishops were on hand for the opening of the four-day conference with a welcoming address by the Most Rev. Joseph H. Albers, bishop of the Diocese of Lansing.

Highlight of the conference will be a speech by Harry Golden at 2 p.m. today. Golden is the author of several best-selling books, including "Only In America" and "For 24 Plain."

A determined foe of segregation, Golden will examine U.S. racial problems in his speech to the Cursillo Conference. He is the publisher of The Carolina Israelite, a paper which has consistently spoken out for civil rights.

Other major speakers today are William J. Jacobs, managing editor of the Catholic weekly newspaper "Ava Maria," and the Most Rev. G. Emmett Carter, bishop of London, Ont., a noted author and former chaplain of the Canadian Federation of Newman Clubs.

General sessions will be held each morning at 8:30 a.m., at 2 p.m. today and Friday and at noon on Saturday. Small discussion workshops will be held tonight and Friday afternoon.

Friday's conference sessions will be highlighted by speeches by the Rev. Dennis Geaney, a leading clerical exponent of lay participation in religious activities, and the Rt. Rev. Msgr. Clement Kern, known nationally for his work in the slums of Detroit.

The Most Rev. Ernest J. Primeau, bishop of Manchester, N.H., will speak at the final session of the conference Saturday. He was a leading spokesman on behalf of Catholic laymen at the Ecumenical Council in Rome.

Special guests at the closing luncheon Saturday will be Chief Justice Thomas M. Kavanaugh of the Michigan Supreme Court and State Sen. John P. Smeekens. Kavanaugh and Smeekens are

general chairmen of the conference.

The Cursillo movement, which originated in Spain, has come in for heavy criticism from some Catholic clergymen since it was brought to the United States in 1957. It has always been essentially a lay, rather than a clerical movement. Some bishops have refused to allow Cursillos in their dioceses.

However, an even larger number have given their approval to the movement.

An estimated 50,000 American Catholics have attended the Cursillos, which include three days of intensive prayer, study and discussion.

One of the most important items to be decided at the convention is whether a national secretariat should be established.

That telephone call you're about to make is just one of 32,000 that are likely to be made on campus today. And by the end of December, it will figure among the over 10 million dialed on University phones during the year.

The instrument you will use is among 12,800 in MSU offices and dormitories. And, when fall signals the opening of many new classroom buildings and residence halls, it will have 975 more of its kind as neighbors.

Twenty-eight times every minute or 14 million times a year, one of these instruments will receive an electrical impulse which will signal an incoming call.

It would take at least 3,333 trips around the 10 mile perimeter of the campus if just the signal-carrying wires built in the last five years were unwound. That's 176 million lineal feet or 33,333 lineal miles.

During the daytime, close to 90 per cent of all telephone connections will be made to and from University offices which are billed under department usage.

32,000 Calls Signal Busy Phones

Twelve full-time operators, 3 part-time and 8 evening and weekend employees, under the supervision of a chief operator, provide 24-hour service for the campus community from their headquarters in the basement of the University Museum.

Busiest moments generally come in the evening hours Thursday, when many students spin the dials in search of weekend dates.

In addition to servicing of calls, campus operators stand guard at emergency circuits feeding from the University Food Stores, which tells of a failure in the refrigeration system; and the Computer Center, where air conditioning troubles in the office housing the 3,600 computers are reported.

In addition, electrical impulses signal operators if overhead fire sprinklers in the MSU Bookstore go into operation.

Still another function served by the operator lies in the use of new "bell-boy" transistor equipment, used by members of the physical plant and many building custodial staffs.

Should the plant's main office find need for notifying one of its employees who service different buildings but whose location is uncertain, a call is placed to the chief University operator.

She, in turn, dials a certain number which will ring a small belt radio signal worn by the

employee. The employee, upon hearing the beep sound, will then go to the nearest telephone, where by contacting the operator, the call is completed.

Calls also handled by operators at frequent intervals in an average day are those placed to and from University personnel driving Michigan State-owned cars and trucks.

Telephone circuits come in



THE ICEMAN COMETH -- But this year when the Red Cedar freezes over, there won't be as many students taking unscheduled swims in the icy waters while taking a short cut. The reason is the new Bogue Street Bridge which officially opened this week. Photo by George Junne

Letters To The Editor

Curt Police Antagonize Watcher

To the Editor:

On August 17, shortly after noon, one of the occupants of our house came upon the following scene: A young man in casual dress was emptying the contents of the parking meters on Valley Court into what looked like a gym bag. Our friend was stopped, but watching from his bicycle. He did not notice at first that there was a policeman a short distance away from this "money collector." Then followed a conversation something like this:

Policeman: What are you doing here?

Student: I'm watching this guy empty the parking meters.

P.: Well, you'd better get moving.

S.: What for?

P.: If you don't get moving, I'm going to arrest you for vagrancy.

Without further ado, the student left.

We ask the following questions: Why did the policeman speak in this manner to a student about 100 feet away on his bicycle? The student could show that he was not a vagrant. Why did the policeman threaten to arrest him?

It seems to us that the police-

man in this case could have been less antagonistic.

John Adams
Huron Smith
Elsworth House

Eleanor Gone From Bessey

To the Editor:

Who took Eleanor?...Eleanor Roosevelt. To be more specific, the bronze bust of the great lady that stood outside the auditorium in Bessey Hall. At the beginning of the second five weeks session she humbly stood beneath the Bill of Human Rights. One day her face was turned to the wall. The next day she was gone. She hasn't been back.

If a banner for Miss Michigan is worthy of such front page attention, certainly a bust of Eleanor Roosevelt should be of concern to someone, and certainly more valuable.

Phyllis A. Johnson

Letter Policy

Letters should not be longer than 300 words, and should be typed double spaced if possible.

Ralph Leonard
304 Gunson

Chem Major Likes Subject

To the Editor:

A statement was made in Thursday's State News by Mr. Greer, chairman of the Humanities Department, implying that intelligent students go into science rather than the humanities only because of the promise of more money.

Being a chemistry major I realize that the monetary rewards are very good, but it also happens that I like chemistry very

much. I could not be lured to change my major to humanities by the sudden promise of a large sum of money by Mr. Greer. I know that a similar feeling exists among my peers who are also in the Honors College.

If I picked a field just for the money, I would be a plumber or a bricklayer so I could go on strike every six months for more money!



Aura Of Sadness Hangs Over Party

By SUSAN J. FILSON
State News Staff Writer

The Democratic National Convention will be a hoopla-filled victory celebration for President Lyndon B. Johnson and his close associates, but all of the political horn-blowing will be tempered by an aura of sadness left over from the assassination of President John F. Kennedy last November.

Members of the late President's own party cannot help but vividly remember the dynamic vision of a young man who called them to a New Frontier four years ago in Los Angeles. Since his death, all of the foregone conclusions about the 1964 campaign have come tumbling down.

President Johnson has earned the respect of the Democratic Party--first as the man who led the nation through a period of numbed shock following Nov. 22, and then as the masterful politician who started a logjam of Kennedy legislation moving through Congress and introduced a comprehensive anti-poverty program of his own.

The sadness which will be an inevitable part of the convention and the campaign which follows is not due to the fact that the American political scene has taken a turn for the worse, but simply to the realization that everything is so different than it would have been if the youngest President in American history were still alive. Everything about this convention will be different than the one in 1960.

The crisp, witty New England speech which Kennedy specialized in has been replaced by a slow Texas drawl. As an orator, Johnson makes a completely different impression than his predecessor. The fact that Johnson is a man of constant action is well-known in Washington, but it does not generally come through in his oratory. Instead, he gives the impression of a new Rotarian who is doing his very best to make a good impression on his audience.

The style, far more than the substance of the two men, is essentially different.

The men who will play key roles in this Democratic convention are also different than they would have been in 1960. Most notable of these is, of course, Atty. Gen. Robert Kennedy, who has been all but shut out of the political limelight by Johnson. If his brother were alive, Kennedy would have arrived at this convention as the No. 2 man in the government in all but name. Now he must place his political fortunes before the fickle electorate in one way or another.

The changes under Johnson have not been bad. They have simply been changes.

They will bring about a much different complexion in this convention than in the one in 1960.

2 Minnesota Senators Spar For Johnson Nod

From Our Wire Services

Two U.S. Senators from Minnesota have figured most prominently in talk of a running mate for President Lyndon B. Johnson in the 1964 presidential campaign. They are Hubert H. Humphrey and Eugene J. McCarthy. Following are resumes of their careers and the activities that

have brought them to the fore among prospective vice presidential nominees:

When Hubert H. Humphrey arrived on Capitol Hill in 1949 as a 37-year-old freshman senator from Minnesota, he acquired a reputation as a brash young upstart who talked too much. But he soon learned how to get along with his seniors in The World's Most Exclusive Club. Today, at 53, he is one of the most popular and respected members of the Senate's inner circle.

He also is Democratic Whip or No. 2 man in the majority party leadership.

Besides his sponsorship of the Civil Rights Bill, Humphrey's qualifications for the vice presidential nomination include:

1. He is a liberal in the New Deal tradition, and has a strong personal following in the organized labor-ADA wing of the Democratic party, which has never been terribly enthusiastic about Lyndon B. Johnson. He also presumably would be attractive to Negro voters in northeastern industrial states which may be all important to Johnson.

2. As a member of the Senate Foreign Relations Committee, and chairman of the important Subcommittee on Disarmament, he has had extensive experience with cold war problems. He also has traveled widely.

3. He is a tireless campaigner and effective political orator.

4. He enjoys a close personal relationship with the president, dating back to the days when they served together in the Senate.

Sen. Eugene J. McCarthy, D-Minn., has developed a mild aversion to the word "other." He was introduced as "the senate's other McCarthy" during the years when the late Sen. Joseph R. McCarthy, R-Wis., was a national figure. Now he finds himself being called "the other Senator from Minnesota."

McCarthy doesn't mind being identified with his friend and colleague, Sen. Hubert H. Humphrey, D-Minn. But he does have a wistful yen to be recognized for what he's achieved in his own right, rather than a coincidence of name or geography.

His achievements include getting elected to five terms in the House of Representatives, beginning in 1948, and to one six-year term in the Senate, which is expiring this year. They also include winning a reputation in both chambers of Congress as a man of unusual intelligence, eloquence and wit.

McCarthy's qualifications for the vice presidential nomination are usually expressed in terms of "balancing" a ticket headed by Johnson, a President from the south. As a Catholic from the north, McCarthy provides counterpoint at the crucial spots, and has the additional advantage of being a liberal who is not widely known -- or widely disliked -- in the south.

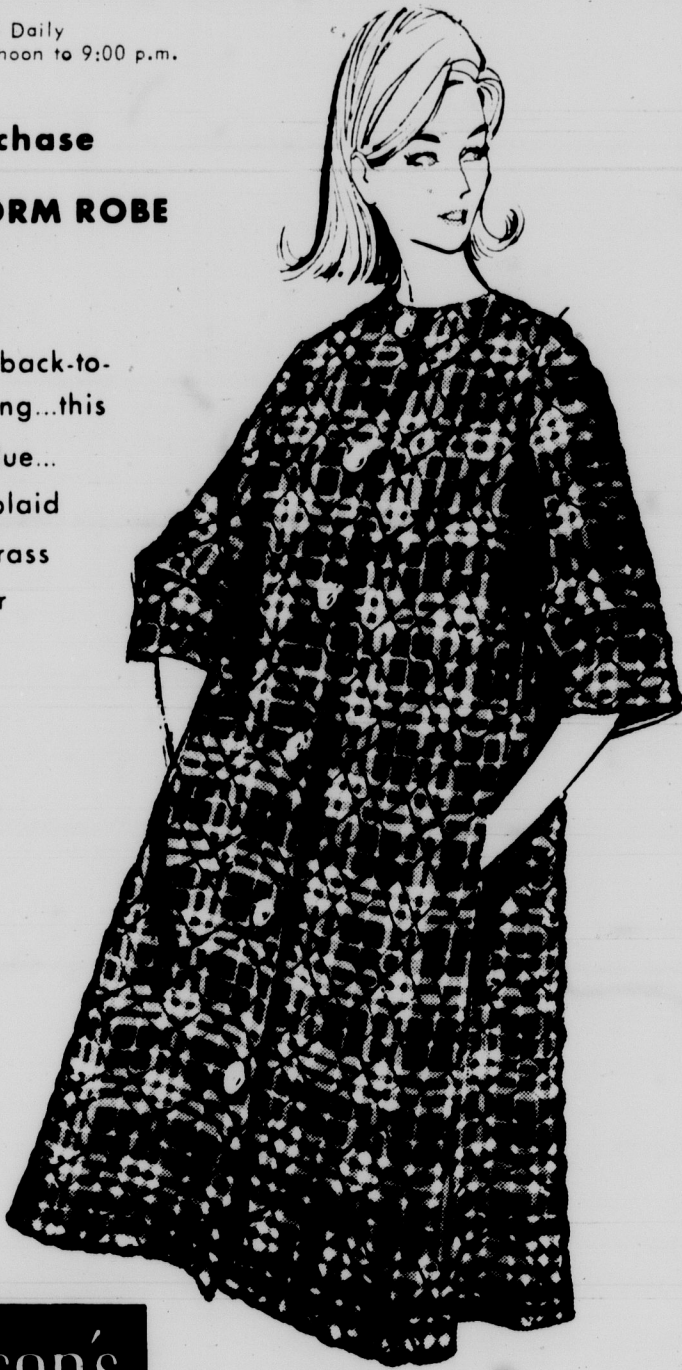
STORE HOURS: 9:30 to 5:30 Daily
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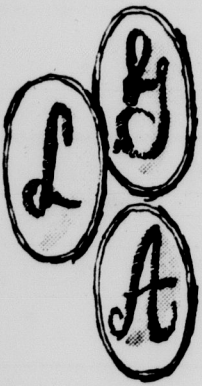
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UNIVERSITY SHOP



CHEERS FOR THE BIG BRUSH

College men, who demand big, bulky sweaters this Fall, are especially enthusiastic about our wool-and-mohair "brush" styles. Their shaggy, casual looks are exactly right for campus leisure, and "brush" warmth is warmth without weight. Perfect choice for any undergraduate.

H. Kositchek Bros. LANSING

18⁹⁵



DOING LIP SERVICE -- Linda Lancaster and Marie Himel, a Maryland resident, are shown practicing for a piccolo and flute duet. The practice session took place in the basement of the Music Building. The girls are part of the Youth Music Conference now on campus. Photo by Patti Prout

Students To Play Overture Premier

Premier performance of an overture, written especially for the symphony orchestra of the University's Summer Youth Music Program, will be a highlight of the Festival Concert which concludes the program, Saturday, Aug. 22.

More than 500 high school musicians from Michigan, nine other states and Canada are participating in the three-week musical education experience, which concludes with a two-section concert. Most of them will take part in the concert.

The Youth Music Program Green Band, White Band and Chorus will perform at 11 a.m., and the Concert Band, Symphonic Band and Symphony Orchestra at 1:30 p.m. Both performances will be in University Auditorium. Several thousand parents, friends, local residents and other

University guests are expected to hear the premier.

"Pandora" is the name of the overture written by Paul Harder of the MSU music faculty for the youthful symphony. Harder was commissioned by the Modern Music Department of the University to write the piece.

"It will be the most modern music that some of the students have ever played," Harder said. "It's a twelve-tone technique with high dissonance," he explained. The composition harks to the myth of Pandora, who opened the forbidden box and let its troubles out into the world, for its theme, but it follows no literal story. The world's troubles are reflected in the conflicts and excitement of the music, Harder explained.

Richard Snook of Grosse Pointe will conduct the symphony in the overture.

Other guest conductors for the student music groups appearing in the Festival Concert include Don Roelofs, Muskegon, Green Band; Ron Phillips, Belding, White Band; George Cripps, Greenville, N.C., Chorus; Carl Berregard, Muskegon, Concert Band; and Dr. Harry Pegan, Detroit, Symphonic Band.

Summer Youth Music Program students will also be presented in a Chamber Music Recital in Fairchild theater on the MSU campus at 7 p.m. Friday, Aug. 21. About 15 ensembles, among them a ten-harp group, a percussion group and a Madrigal singing group, will perform.

The MSU Summer Youth Music Program, the oldest and largest of any university or college-based summer musical encampment for high school youth, includes private and class instruction in instrument, voice, music literature, music theory, conducting, accompanying and other areas. It is taught by a staff of 55, most of whom are from the MSU Music Department, its graduate or undergraduate students. The program, begun 19 years ago, is a continuing educational activity of the MSU Department of Music. Robert G. Sidenell is director of the program.

Harder has been a member of the MSU music faculty since 1945. He is chairman of undergraduate theory and composition. His works have been performed widely in the Midwest and some of them in Europe.

Center Developing Film Clip Program

A unique use of movie film as a more effective teaching aid is the subject of a two-year, \$264,000 film clip project at the Audiovisual Center.

Sponsored by a grant from the U.S. Office of Education, the project is aimed at providing teachers with inexpensive, to-the-point instructional movie films.

Film clips rather than lengthy films are the key to the new approach.

Teachers using movie films for classroom instruction today have little choice but to show a complete film, most of which are 20 to 30 minutes long.

"An ideal alternative to showing the longer films," says James L. Page, director of the MSU project, "is the simple mechanical projection of a film

segment pertinent to the teaching of a particular point or subject."

A biology teacher, for instance, need not show a 20-minute film on cell meiosis if the essential illustration of the process is contained in a four or five-minute clip.

These short segments, called single concept films, may be joined with related segments to make larger, more general film clips to be used for introductions or summaries to courses.

Part of the MSU project, to be carried out in cooperation with educators in the science, social studies and foreign language fields, will be the viewing and selection of the clips from in-

structional films now in use.

In a pilot project, 85 high school chemistry teachers at MSU for a Summer Chemistry Institute have viewed and chosen film clip material from 30 instructional chemistry films.

Similar cooperative scanning in other fields may result in the selection of as many as 100,000 potential film clips, Page estimates.

In the next two years, the MSU researchers will go beyond the film clip itself and suggest specifications and standards for film clips, packages, projectors and other technical and economic variables which might affect the wide-spread application of educational film clips.

The motion picture industry already has developed several methods of film clip production and projection, Page reports. He points out that film clips offer a new and wider market for material already contained on longer films.

Encouraged by techniques and equipment already developed in other fields of research, Page envisions the day when a teacher may dial a code number on a nation-wide communication network and have a particular film clip broadcast back over the network to the classroom.

Parking

(continued from page 1)

ing ramps at Evergreen and Bailey streets, which now have metered lots.

4. Boosting the hourly rate in city lots after the first two hours to discourage employees and merchants from storing cars in attendant lots.

The University has encouraged the city to promote the idea that students take the campus buses to points near the East Lansing shopping district.

Motto for the campaign: "It's no fuss--just take the bus."

Engineer Ag Grads Move Up

It appears that agricultural engineers graduating from the University have an excellent chance of becoming head of an agricultural engineering department.

Twenty-four graduates have already made the grade.

The list, recently compiled by Arthur W. Farrall, professor of agricultural engineering, includes graduates who head departments in Brazil, Egypt, South Africa, England, Canada, Honduras, Puerto Rico, Surinam and Peru.

The two most recent are Gerald W. Isaacs, head of agricultural engineering at Purdue University and Carl W. Hall, who recently succeeded Farrall as chairman of the MSU Department.

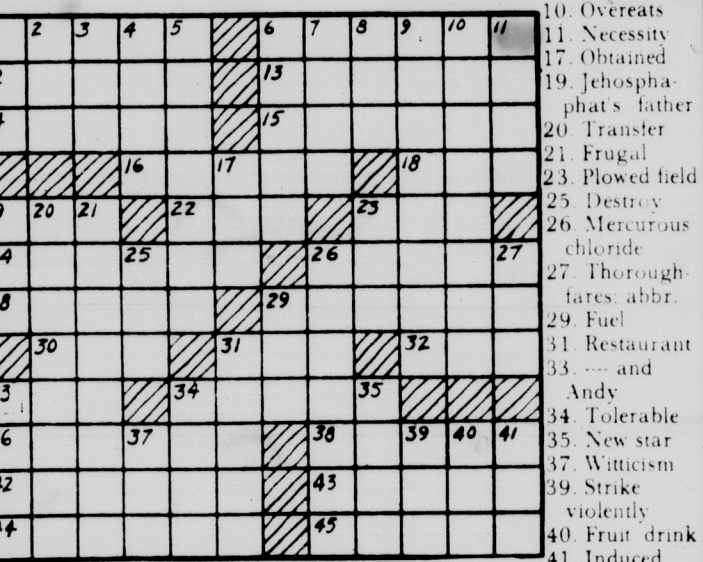
One of the graduates, A.R. Chamberlain, has been head of the civil engineering department, dean of engineering, and is now executive vice-president at Colorado State University.

Also included is Jordan H. Levin, who is head of fruit and vegetable harvesting at the East Lansing unit of the U.S. Department of Agriculture.

CROSSWORD PUZZLE

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| | 6. Pollen-bearing organ | 28. Resembling 4 Down |
| | 12. Roman magistrate | 29. Contraposition |
| | 14. Wealthy man | 30. Close |
| | 13. Hydrocarbon | 31. Pigeon pea |
| | 15. Emanate | 32. Carved worm |
| | 16. Tidal wave | 33. Past |
| | 18. Survivor's instrument | 34. Stone parsley |
| | 19. Exist | 36. God of riches |
| | 22. Drive slantingly | 38. Virtuous |
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| | | 8. Malt brew |
| | | 9. Wedlock |
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| | | 31. Restaurant |
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| | | 40. Fruit drink |
| | | 41. Induced |



Dinner For Two...

For The Price Of One



- Filet Mignon
- Chicken
- Shrimp

Wondering where to go Friday Evening? May we suggest dinner for TWO...she'll be delighted with your taste.

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and you're in with the newest, the liveliest thing that has happened to dancing since the Charleston. Born in Paris in gay little bistros for dancing the frug, the surf and the Watusi...Discotheque is completely at home in Lansing. Just say dis-cō-tek when you come to Knapp's for the new fashion...alive with motion, ruffled, flounced and bared at the top for dancing or just looking absolutely sensational. Four in jet black rayon crepe from our lively collection.

A. Flared skirt, bared back enchantingly bowed 19.98.

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DRESSES--STREET LEVEL

Name Robertson Chairman Of Region's Michigan Week

The regional chairman of the 1965 Michigan Week for the five counties of Clinton, Eaton, Ingham, Ionia and Shiawassee will be the Rev. Wallace Robertson, pastor of the Peoples Church in East Lansing.

Rev. Robertson, a native of Wisconsin, came to Michigan 11 years ago from New York City, to the First Presbyterian church in Grand Haven. He accepted a call to the interdenominational church at East Lansing in 1960, in 1960.

His appointment is announced by Lowell Treaster, deputy general chairman of Michigan Week for central Michigan, who is director of information services at Michigan State University.

Dates of the 12th annual Michigan Week are May 16-22, but Treaster called it a year-round program and emphasized that the effort to enlist all eight million citizens in national and world-wide promotion of the state in connection with the 1965 celebration will begin to earnest immediately after Labor Day.

Word that the annual citizen campaign to promote Michigan will be world wide this time was given recently by Gov. George Romney, its honorary chairman, when he announced that the theme of the 1965 Michigan Week will be "Michigan—Dynamic in World Progress." The governor asked firms, organizations and individuals to use the theme in correspondence and many other ways.

Treaster said Rev. Robertson will select his five county chairmen by the middle of September and that they will be expected to have their county Michigan Week councils in operation soon afterward.

"Michigan Week has long since ceased to be a one-week celebration," Treaster said, "but rather has become a great movement bringing Michigan people together for months of special activity each year in the interest of their state."

"This year we hope to enlist thousands of citizens in the new Michigan Minuteman program in which they pledge to speak in behalf of their state when they meet people from other parts of the country."

A Kiwanian and a civic leader in the Lansing area, Rev. Robertson is no stranger to promotional activities. From 1949 to 1953 he was assistant secretary for stewardship and promotion at the national headquarters of the Presbyterian church in New York. He graduated from West Milwaukee high school in 1931, from Carroll College at Waukesha, Wis., in 1935 and from McCormick Theological Seminary in 1938. While pastor of the Westminster church in Milwaukee he was president of the Milwaukee Ministerial Association. The Robertsons have four children—a son who graduated from college in June to enter the ministry, a son who will be a sophomore in college this fall

and two daughters in the East Lansing schools.

Rev. Robertson is the first clergyman to serve as a regional chairman of Michigan Week. There are 16 Michigan Week regions, from region 1 in the Western and of the Upper Peninsula to region 16 around Detroit. This is region 14.

He succeeds George Harris, former Lansing automobile dealer who was region 14 chairman for two years.

The general chairman of the 1965 Michigan Week, heading a committee organization that before winter will total 10,000 people, is Woodward C. Smith, vice president of Central Michigan University at Mt. Pleasant, who has been a leader in the activity for nearly 10 years.



GETTING PLASTERED -- The building that is, not the workmen. The work is part of that necessary in reading the new East Lansing City Hall. Photo by Patti Prout

Finance On Farms Needs Study Says Ag Economist

Agricultural economists were urged this week to improve their studies of farm finance.

"We know too little about the financial position of farmers," commented M. E. Wirth, USDA agricultural economist working out of Michigan State. "Our data

are limited because research into typical financial problems of particular types of farming are too few, too far between and too narrowly based."

Speaking at the annual meeting of the American Farm Economic Association at Purdue Un-

iversity, Wirth suggested that researchers modify existing farm account projects so that regional research committees can make overall area analyses of the changing financial situations on farms.

To accomplish this, Wirth recommended modifying farm account projects to obtain the kinds of information usually contained in net worth and operating statements. He said additional information could be obtained from outlays on family living, non-farm investments and income from nonfarm sources.

"This includes a great deal of financial information," he admitted. "But getting and analyzing these data is not nearly as ambitious as it seems at first glance."

"At present, there are at least 34 states carrying out a farm account project of one form or another. More and more states are adapting electronic data processing techniques to their farm account projects. And, to the extent that this happens, it enhances the prospect of improving our farm finance research programs at a relatively low cost compared with other alternatives."

Wirth noted that over 18,000 U.S. farmers are now keeping financial records of varying degrees of completeness under these account projects.

Broadcaster Ends Active Campaign

Local radio broadcaster Erik O. Furseth has announced that he has ceased active campaigning for the office of State Representative in the 59th district. The decision was made "because of complications brought about by provisions of the Federal Communications Act of 1934," Furseth said.

Recent interpretation of provisions of this act make it impossible for the candidate to continue at his job as a radio broadcaster while campaigning for public office.

Furseth said: "The decision to cease active campaigning could not be made until this date because it was not clear that the Federal Communications Act applied specifically in a case of this nature."

Telephone

(continued from page 1) pioneered in the use of automatic dialing equipment.

When, in the early 1920's Citizens' Phone was bought out by Michigan Bell, a new two-position board was installed in a 10x12 office in the east end of the Administration building.

A later move in 1926 to the old library building, now the museum, brought with it the hiring of four full-time male operators. Again in 1940 a move was made, this one to the original headquarters, the Power Plant. This time, however, a more spacious second floor office was used, housing four board positions employing both full-time operators and part-time student help.

Once more, December 28, 1955 to be exact, the operation reverted back to the library in an enlarged setting.

In February of 1960, preparation was begun for the conversion to the Centrex system which eliminated the need for switchboard operators. In September of that same year, the proposal to change was submitted to the Board of Trustees and passed the same day.

From September 16 to July 1961, a step-by-step changeover took place with the entire conversion taking just over a year. Telephones were installed in every dormitory room and married housing unit, putting to an end the community telephone system in dormitories in which two phones serviced about 25-30 persons, and the two-four party lines in apartment dwellings.

Evidence of the growth is the new 353 exchange which is common to many of the more recent buildings. The old exchange, 355, was used until its 10,000 capacity was exhausted. No immediate problems are anticipated with 8,000 of the 353 numbers still remaining.

First Presbyterian

Ottawa and Chestnut
Worship Service
9:30 a.m.
Cribbery and nursery care provided.

"When Greatness Comes too Soon" Guest Speaker
Dr. John M. Vander Meulen

A warm and friendly welcome awaits you at First Presbyterian.

Central Methodist

Across From the Capitol
Worship Service
10:00 a.m.
(W JIM 10:30 a.m.)

"The Certainty through Commitment" Dr. Dwight S. Large, preaching

Crib Nursery, So Bring The Baby. Take home a copy of the "What Then Are We To Do?" sheet for study and application.

Kimberly Downs Church of Christ

1007 Kimberly Drive, Lansing
(2 blocks W. of Frandor Shopping Center on E. Grand River)
IV 9-7130

William G. Hall and Gerald O. Fruzia, Sr., Ministers

SUNDAY SERVICES
Morning Worship 10:00 a.m.
Bible Study 11:00 a.m.
Evening Worship 6:00 p.m.

Wednesday evening Bible Study 7:30 p.m.
Thursday evening Ladies Bible Class 7:30 p.m.

For Transportation Call FE 9-8190
ED 2-1960 or ED 2-2434

Eastminster Presbyterian Church

1315 Abbott Rd., East Lansing
Minister
Rev. Robert L. Moreland
541 Walbridge Drive
ED 7-0183

Summer Schedule:
9:00--Church school for cribbery through 6th grade
9:00 a.m. Morning Worship

Dr. Thomas Green
Guest Speaker
STUDENTS WELCOME
Call 355-0941 or 482-8325 for transportation

Foreign Student Trip Successful

Last Saturday's foreign student trip to the Iowa Free Fair was a big success by Foreign Student Adviser August G. Benson.

He said approximately 30 students and 10 dependents took advantage of the opportunity to get a look at a different phase of American life. A luncheon was provided by the Ionia Rotary Club.

Instead of returning to the fair after lunch as has been originally planned, the students separated into three groups. One group visited a large dairy farm operation nearby, a second visited the Ionia State Reformatory, and the other visited the mental hospital in Ionia.

Benson said he has not had an opportunity to speak with many of the students since Saturday. He said he expects that each of the three groups is contending that it had the most productive and interesting tour.

There is a possibility that such a program may become an annual affair, he said.

Benson also said that the Ionia Rotary is planning to sponsor a "family weekend" for the foreign students next spring. This will allow foreign students to spend a weekend living with an American family and should benefit both parties.

Benson Plans Closed Office

The foreign student adviser's office will be closed this afternoon and all day Friday.

The office will handle emergencies, however, he said.

Benson said he expects the office to be open for "business as usual" Monday in the new office at room 110 of the Center for International Programs.

August G. Benson, foreign student adviser, said the closing is necessary because of packing and other arrangements which must be made prior to moving

Lansing Central Free Methodist Church

628 N. Washington, Lansing
Sunday
Sunday School 10:00 a.m.
Worship Service 11:00 a.m.
"Message by the Pastor"

7:00 p.m. Evening service; "The Gospel Hour"
For transportation call ED 7-1294

Olivet Baptist Church

2215 E. Michigan
Rev. William Hartman, Pastor
SUNDAY
Sunday School 9:00 a.m.
Morning Worship 10:00 a.m.

MID-WEEK SERVICE
Wednesday, 7:15 p.m.
For church bus schedule call IV 2-8419

Seventh-Day Adventist Church

Temporarily meeting at University Lutheran Church
Division and Ann St.
SATURDAY SERVICES
9:30 a.m. Sabbath School
11:00 a.m. Worship Service
For information or transportation call Pastor Ainsley Blair, 485-3997.

First Baptist Church

Capitol on Ionia
Lansing, Michigan
Rev. Scott Irvine, Minister
Church School 10:00 a.m.
Morning Worship 10:00 a.m.
coffee fellowship following
Worship
People of all races welcome

First Christian Reformed Church

240 Marshall St., Lansing
Rev. John M. Hofman, Pastor
Morning Service 10:00 a.m.
Evening Service 7 p.m.
Those in need of transportation call:
Mr. Jack Vander Slik at 355-3030
or Rev. Hofman at 5-3650

Peoples Church East Lansing

Interdenomination
200 W. Grand River at Michigan
SUNDAY SERVICE
10:00 a.m.
"God's Chosen People"

Plymouth Congregational Church

By
Dr. Duane N. Vore
CHURCH SCHOOL
10:00 a.m.
Crib room through
Sixth grade.

FIRST CHURCH OF THE NAZARENE

Genesee at Butler Streets
SUNDAY SERVICES Supervised nursery provided
Church School 9:45 a.m.
Morning Worship 11:00 a.m.
Youth Groups 6:00 p.m.
Evangelistic Hour 7:00 p.m.
WEDNESDAY EVE Prayer Service 7:30 p.m.
H.T. Stanley—Minister Dean Waldfoegel—Music Dir.
Transportation Available
Call Church Office IV 5-0613
If No Answer, Call IV 2-6994

Lutheran Worship

Alumni Memorial Chapel
Morning Worship 10:00 a.m.
Rev. Theodore K. Sundentraf
the LUTHERAN CHURCH
Missouri Synod

University Methodist Church

1120 S. Harrison Rd.
Wilson M. Tennant, Minister
and
Dr. Glenn M. Frye, Minister

WORSHIP
9:45 a.m. & 11:00 a.m.

"Uneasy in the Bleachers"
Rev. Wilson M. Tennant

Church School 9:45 a.m. all ages & 11:00 a.m. children 2-5 years.
Membership Class 9:30 a.m.

Free bus transportation 15 to 30 minutes before each service around the campus.

TRINITY CHURCH

Interdenominational
120 Spartan Avenue
MINISTERS
E. Eugene Williams
Norman R. Piersma
Mr. Lloyd R. Bergren
Morning Service—11 a.m.

"the Unpardonable Sin"

Evening service—7:00
"In Conflict for Another"

Other Services
9:45 a.m. University Class
7:00 p.m. Wed. Evening Prayer and Bible Study

Call 337-7966 for campus bus schedule

Edgewood United Church

Interdenominational
469 North Hagadorn Road
East Lansing, Michigan
(5 blocks north of Grand River)

WORSHIP SERVICE
9:30 a.m.
Sunday, August 23

Sermon by
Rev. R. Paige Birdwell

Church School
9:30 A.M. through 5 year olds

Affiliated with United Church of Christ, Congregational-Christian, Evangelical and Reformed.

All Saints Episcopal Church

800 Abbott Road
ED 2-1313
Rev. Robert Gardner,
Episcopal Chaplain to the
University
Rev. Edward Roth, Rector

SUNDAY SERVICES
8:00 a.m. Holy Communion at All Saints Parish
10:00 a.m.—Morning Worship & Sermon

8:30 a.m. Monday thru Friday
Morning prayer

Tuesday—10:15 a.m.
Holy Communion
Thurs.—5:15 p.m.
Holy Communion

Up To The Minute Report On The Situation In South Africa

(including colored pictures)
Rev. Lewis Wood, Missionary South Africa
SUNDAY 7:00 P.M.
BIBLE SCHOOL 9:45 A.M.

COLLEGE CLASS TAUGHT BY
DR. TED WARD -----MSU

11:00 A.M. Rev. Lewis Wood, Missionary South Africa
8:30 P.M. Singpiration with Pastor & Mrs. Jones at 711 Sparrow.

SOUTH BAPTIST CHURCH

HOUR OF REFRESHMENT AND FELLOWSHIP FOLLOWING.
SOUTH WASHINGTON AT MOORES RIVER DRIVE-LANSING
PASTORS: DR. HOWARD F. SUGDEN, DR. TED WARD
REV. ALVIN H. JONES

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Debaters Show Improvement



SOUTH SIDE STORY -- No, these men are not refugees from "West Side Story." They are incoming students who are attending the counseling clinic in Wilson Hall on South Campus. Wednesday night several of the participants in the clinic staged a skit from which this scene was taken. Photo by Ken Roberts

Although the MSU debate team did not experience an outstanding season last year, it showed marked improvement over the previous season.

The entire forensics program was bigger last year. A recent summary of the 1963-64 MSU forensics program showed that a total of 48 students participated in some phase of the forensic program on either a local basis or with other schools, compared with 32 in the 1962-63 season.

The summary also showed that 29 students participated in intercollegiate forensics, representing the University in activities with other schools. In the previous year 18 participated in

intercollegiate forensics.

A total of 15 events were held on the MSU campus and the number of events attended totaled 37. This represented a sizable increase over the total of 19 events attended in 1962-63.

Of the total, 31 of the events were debate events. MSU team members faced representatives from 101 different schools representing 27 states and Canada. Schools debated included the University of Michigan, Purdue, West Virginia University, University of Utah, St. Louis University, Notre Dame, Northwestern, Cornell and Colorado College.

The team participated in a total of 22 debates, compared

with 105 the previous year. Of these, 23 were non-decision debates. Of the 199 decision debates, the MSU team won 111 and lost 88, for a winning percentage of 55.8.

Highlights of the season included participation in the Milwaukee Yearling Debate Tournament, the University of Michigan Warm-up Debate Tournament, the MSU Invitational Debate Tournament and the Husky Invitational Tournament.

During the course of the year eight students were initiated into Delta Sigma Rho-Tau Kappa Alpha, the national honorary forensic fraternity. Also initiated into the fraternity was Jerry M. Anderson, faculty adviser for

the forensics program.

Some of the questions debated in competition included "What should be the role of the Federal Government in guaranteeing an opportunity for higher education to qualified high school graduates?", "What should be done to minimize friction among racial groups in the United States?", "What should the Federal Government do to alleviate poverty?" and "Should Congress be reorganized?"

In open competition, Sharon Vondra, Greensburg, Pa., freshman, had the best won-loss record. She won 70.8 per cent of her 24 debates. Connie Simpson, Lansing freshman, was second with 69.2 per cent of 13 debate.

Others were Ken Newton, Trenton, N.J., freshman, with 68.9 per cent of 45 debates; James Hudek, Cedar Rapids, Iowa, sophomore, with 65.6 per cent of 64 debates; Harlan McGhan, Flint senior, with 62.3 per cent of 61 debates; and Kermit Terrell, Derby, Kansas, sophomore, with 53.5 per cent of 43 debates.

The six debaters with the best speaker ratings in open competition who were entered in ten or more debates were Hudek, Newton, McGhan, Miss Vondra, Terrell and Andrew Kramer, Detroit sophomore.

In novice competition Newton had the best won-loss percentage. He compiled a victory total of

85 per cent of his 20 debates. Second was Miss Simpson, 83.3 per cent of six debates, followed by Miss Vondra, 80 per cent of 20 debates.

Newton, Miss Vondra and Miss Simpson were selected the three novice debaters with the best speaker rankings.

Hudek and McGhan received the forensics squad's Outstanding Debate Team Award. They also received a scholarship award. Newton and Miss Vondra were presented the Outstanding Novice Award.

Clark Davis, Pontiac senior, received the Outstanding Senior Forensic Award, and Miss Simpson was presented with the Versatility Award.

River's Decline

(continued from page 1)

to the presence of a very hot, alkaline effluent which flowed from a drain near the library bridge the afternoon of Sunday, April 19.

It was decided that the possibility that the fish kill was caused by insecticide spraying was unlikely. It was concluded that "the rapid influx of a very toxic contaminant on the afternoon of April 19 was directly associated with the rapid and serious mortality," Gordon Guyer, professor and chairman of entomology, said the

"complexity of campus programs and facilities and the utilization of the river both above and below campus makes it very difficult to pinpoint the exact origin and severity of much of the river pollution."

The report issued after the kill made several observations and recommendations regarding the river:

"It is apparent that the campus use and disposal of possible toxic wastes, including pesticide programs should be reviewed with the possibility of over all supervision and responsibility resting in a single office."

"A decision must be made as to whether the pollution of the river will be allowed to continue and this significant symbol of campus architecture be relegated to a major campus health problem."

"It is the hope of all the researchers that have addressed themselves to the immediate problem that this report will clarify this situation, but that more significantly it may serve as a stimulus for major action in renovating this important natural asset."

State Coed Named Democratic Page

A 19-year-old Michigan State University senior, Janis Elyse Peckham, is among 20 pages assigned to the Democratic National Convention in Atlantic City next week.

Instructor To Get Ph. D. In Colorado

Robert Dale Trautmann, instructor at Michigan State, will receive his doctorate in educational administration at summer commencements today at Colorado State College.

He has served as coordinator of student teaching in Pontiac, Saginaw and Bay City, At Central Michigan University he taught in the school of education from 1960 to 1963.

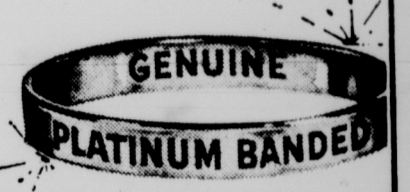
His public school experience includes teaching in the Phillips County High School, Holyoke, Colo., and LaMoure Public Schools, LaMoure, N.D.

He holds a bachelor of arts degree from Jamestown College, Jamestown, N.D.



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GRAPES
10c
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Michigan Red Haven
Peaches lb. 10c

Peschke's Semi-Boneless
Smoked Hams
lb. 59c

Tenderay Boston
Boneless Rolled Pot Roast
lb. 59c

Center Cut Rib
Pork Chops
lb. 79c

VALUABLE COUPON
50 Extra Top Value Stamps with the purchase of 2 heads of **ICEBERG LETTUCE**
For faster service, please give cashier coupon before your order is rung.
Redeem at Kroger thru Sun., Aug. 23, 1964.

VALUABLE COUPON
50 Extra Top Value Stamps with the purchase of 3 lbs. or more of **VINE RIPE TOMATOES**
For faster service, please give cashier coupon before your order is rung.
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VALUABLE COUPON
50 Extra Top Value Stamps with the purchase of a Boston Rolled **BONELESS POT ROAST**
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25 Extra Top Value Stamps with the purchase of a 1 lb. pkg. of Frozen **Blackport Hamburg Patties**
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25 Extra Top Value Stamps with the purchase of a 1 lb. pkg. of **Kroger Graham Crackers**
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50 Extra Top Value Stamps with the purchase of an All Butter **KROGER POUND CAKE**
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GIANT SIZE
Tide
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Kellogg's
Corn Flakes
12-Oz. Pkg.
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Bean Coffee
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Tenderay Blade Cut
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lonia Brand **SLICED BACON** 2 lb. pkg. 98c
Herrud's **Skinless Franks** lb. 49c
Kroger Potato or **ITALIAN BREAD** 24-oz. loaf 19c
Hunt Club **BURGER BITS** 25 lb. bag \$1.99

Country Club
POT PIES
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ea.

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Light, strong and waterproof, they keep extra clothing secure and clean when you travel by car. Excellent for storage, too.

Liebermann's

DOWNTOWN--107 S. Washington
EAST LANSING--209 E. Grand River

Soccer: Most Successful Sport

By RICHARD SCHWARTZ
State News Sports Editor

What could be more beautiful than 60-7-3 measurements? Well, in soccer, anyway.

Perhaps with the exception of St. Louis, no other collegiate team in the nation can match these figures which tell the success story of the young sport at Michigan State.

And certainly no other team in the Midwest Collegiate Conference can match the 9-0 slate which gave Coach Gene Kenney's Spartans the league title last season.

What says even more for the Spartans is the fact that it was the effort of an almost all-rookie team that produced the results.

Now, go one step farther and it's 1964: And that's exactly what the Spartan outfit plans to do—go one step farther, which means a determined bid for national prominence.

Last season, State took a 4-3 comeback decision over eventual NCAA champion St. Louis in the season's final game to capture the conference crown.

In a later meeting in the opening round of the NCAA eliminations, however, State suffered a 2-0 blanking which eliminated it from any further contention for runner-up berths.

Following howls from both team's coaches, the NCAA decided to prevent future meetings

of any two conference foes in the opening rounds of national play.

This should give both teams, regarded as the one-two powerhouses in the United States, greater opportunity to engage in out-conference contests. At any rate, it will give a clearer picture of the national position of each squad.

"Everybody's eager to get back into the swing of things this fall," Kenney said. "I think they all realize that it's a long row to hoe if we are to repeat the championship and go on to the NCAA playoffs again."

First game for the Spartans will be the season opener with Earlham College. The game, slated for September 26, should produce the first yield of the 1964 crop before students will have an opportunity to witness the Spartan reaper in action.

Graduation took a lot of finesse away from the Spartan backfield. State will be without the services of halfback Sam Donnelly, 1963 captain, and fullbacks Stan Stelmashenko and George Rendon.

The Spartans will also be missing the scoring punch of Bill Schwarz, who lead the Spartans in goals with 14 and in assists with 11.

Kenney will be working with 11 returning lettermen. A year ago this time the MSU skipper was faced with a major rebuilding job

after losing 12 men and having only three returnees who won monograms.

"While we won't have many of the problems of last season in finding the men to fill starting positions," Kenney said, "we still may be short on depth. This has always been a problem with us and probably always will be."

Kenney said he plans to try everybody at different positions to see whether there might be some versatility to compensate for the shortage of reserves.

Defense work will probably center around junior Turgud Enuston, who will be making his debut as a starter at fullback, and seniors Louis Eckhardt and Dennis Checkett, who will hold down the halfback spots.

On the line State will have five of its six top scorers from 1963 back: George Janes (14 goals, 11 assists); Van Dimitriou (9 goals, 1 assist); John McLane (4 goals, 3 assists); and Larry Christoff (4 goals, 3 assists).

Other returning forwards are Clare DeBoer and Karl Thiele.

Back for his second season as Spartan goalie is Charlie Dedich.

Top sophomore prospects include Terry Bidlak, Boscoe Dittich and Manny Ruschinski, all forwards. Back after being sidelined last season with a leg injury is halfback John Pierre Diane.



A DAY IN THE LIFE OF A GOALIE -- Art Dworkin, goalie for MSU's soccer team, is easily one of the busiest men on the team, as this picture and the two on the left side of the page show. He certainly earns the applause his fascinating stops of shots draw from the crowd. Photos by George Junne

SOCCER SCHEDULE

Date	Opponent	Location
September 26	Earlham College	Home
October 3	Purdue University	Away
October 7	Calvin College	Home
October 10	Wheaton College	Away
October 17	Akron University	Home
October 22	Bell State	Home
October 24	Indiana University	Away
October 31	Ohio University	Home
November 7	St. Louis University	Away



'SWINGOUT WITH SPIRIT'

Rally Kicks Off Grid Season

"Swingout with Spirit" will be the theme of the first pep rally of the 1964 football season.

The rally is planned to give the Spartans a rousing sendoff in their quest for the Big Ten championship and the trip to the

parade which is scheduled to begin its trip around campus at 2 p.m.

Sigma Phi Epsilon's Sparty, the Delta Upsilon bell, the cheerleaders, Mr. and Miss MSU and the marching band will be featured in the parade.

The pep rally will feature talks by Athletic Director Clarence "Biggie" Munn, head football coach Duffy Daugherty, All-University Student Government President Bob Harris, the cheerleaders and Mr. and Miss MSU, Bruce Osterink and Judy Smith.

"This is a good chance for freshmen to get to know more about the school and to meet the team," said Jim Tanck, director of Spartan Spirit, who is in charge of planning and organizing pep rallies.

"I guarantee this will put them in a mood for the coming football season," Tanck said.

The football opponent for this

game, the first home game of the season, is the University of Southern California.

Pep rallies are planned before all home football games, with a special rally expected before the Homecoming game with Northwestern. There is also a possibility of a rally before the team leaves for the Illinois game.

Participation in the rallies is also a good way to earn points toward the Spartan Spirit trophy. Trophies will be given to the fraternity, sorority and men's and women's residence hall which does the most to promote spirit on campus.

The trophy is not based solely on spirit during the football season, however. Participation in such events as the blood drive and student government elections are considered in awarding the trophies as well as work in support of the many varsity athletic team.

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7 Rib Portion	29¢ LB.
Loin Portion	39¢ LB.
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- Watermelons 79¢
- Head Lettuce 19¢ EA.
- Carrots 29¢
- Pascal Celery 19¢ EA.
- Tomatoes 19¢ LB.

- Ducks 4 to 6 lbs. 39¢ LB.
- CHOICE BEEF Rib Steaks 6 in. cut 89¢ LB.
- Pork Sausage tiny links 49¢ LB.
- Bologna SLICED 1-lb. pkg. 49¢ LB.
- Halibut SLICED 45¢ LB.

- JANE PARKER BAKERY FEATURES
- Apple Pie 1-LB. 8 OZ. 39¢ EA.
 - Apricot Pie 1-LB. 8 OZ. 39¢ EA.
 - Danish Pecan Ring 39¢ EA.
 - Potato Bread 1-lb. loaves 2 for 39¢ EA.
 - Potato Chips 1 lb. bag 59¢ EA.
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Saturday Afternoons Set For Hoop Games

A switch to afternoons for Saturday home contests features State's 1964-65 basketball schedule of 23 games announced by Athletic Director Biggie Munn. Six Saturday games have been scheduled for 2:30 p.m. starts. In the past all Spartan games started at 8 p.m. Weekday games will continue to get underway at 8 o'clock.

Coach Forddy Anderson's Spartans will play ten home games in all, including the usual seven with Big Ten plus non-conference tilts with Northern Michigan (the season opener Dec. 3), Drake and Loyola of New Orleans.

A schedule highlight is the appearance of the Spartans in the Los Angeles Classic Dec. 28-29-30. State will play three games at the Los Angeles Sports Arena, opening with Utah Dec. 28. Other teams competing are defending NCAA champion UCLA, Southern

California, Washington, Arizona, and Big Ten squads Iowa and Minnesota.

Additional non-conference away opponents include Western Michigan, Butler and Notre Dame. There also will be the usual seven league games away.

The complete schedule: Dec. 3, Northern Michigan home; Dec. 5, at Western Michigan; Dec. 8, at Notre Dame; Dec. 12, Drake home; Dec. 19, at Butler; Dec. 22, Loyola of New Orleans home; Dec. 28-29-30, at Los Angeles Classic.

Jan. 9, Iowa home; Jan. 16, at Iowa; Jan. 23, Northwestern home; Jan. 26, Michigan home; Jan. 30, at Northwestern.

Feb. 6, Minnesota home; Feb. 8, at Indiana; Feb. 13, at Michigan; Feb. 20, Illinois home; Feb. 22, at Ohio State; Feb. 27, at Wisconsin.

March 1, Purdue home; March 6, Ohio State home; March 9, at Illinois.

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WHITE HOUSE Instant Dry Milk 12 qt. 79¢	Ice Milk Marvel 1/2 GAL. 49¢
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'S' Netter Sparks Jr. Davis Cup Win

DETROIT -- Spartan tennis standout Tom Jamieson Sunday spearheaded a five-man Michigan contingent to victory in the midwest regional competition for U.S. Junior Davis Cup honors.

Jamieson, who compiled a 13-7 singles record last spring and combined with Charlie Wolff for a 12-5 doubles mark, was selected as one of three netters in the weekend tourney to compete in national cup finals in Poughkeepsie, N.Y., August 28-29.

Playing number one singles, Jamieson sparked Michigan to 28 wins in 30 matches. He defeated Dave Billings, 10-1, and Sam Nutty, 10-5, both of whom were later selected to join Jamieson as Midwest entrants in the finals.

Illinois, which has won the midwest competition the past three years, took second followed by Wisconsin.

Two years ago, State finished third, advancing to second last summer and first this year.

If anybody was surprised about the outcome, it was the Michigan outfit itself, the youngest to enter the tourney.

Due to prior commitments by many of the top college and university performers, coaches of the Wolverine representatives had to go as far as state high school person-



TOM JAMIESON

nel to gather a team.

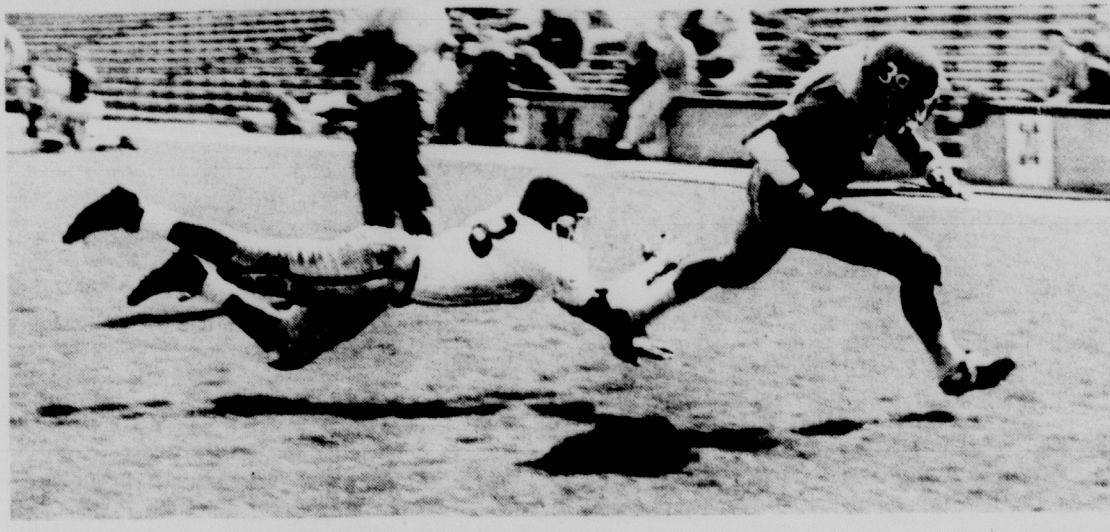
Chuck Branand, State high school champion and Jim Novitsky, both of Hamtramac High School, manned the second and third positions.

The number four spot was held down by John Hanline, Catholic Central, Detroit, and the fifth, Mark Conie, a 15-year-old Detroit product who will first enter high school this fall as a sophomore.

Jamieson competes regularly in weekend tournaments. This was his only open week-

Spartans Have Aching Back

Seek A Speedy Remedy



THE SHAPE OF THINGS TO COME -- Football fans were treated to a preview of the upcoming grid season at the spring game between the green and white squads. Here Dick Gordon, counted on heavily as running replacement for Sherm Lewis, is shown evading a would-be tackler as he goes for a gain against the white team.

"One thing that no amount of coaching will give a boy is speed," said Duffy Daugherty. "He's either got it or he hasn't. "Oh, fine conditioning will help a little--like it did George Saines a couple of years ago--but basically speed is a God-given gift," the veteran Michigan State head mentor continued. "If a team has it, it's blessed. If it hasn't, it is in trouble."

Thus he put his finger squarely on the problem he deems most critical in the 1964 Spartan team.

The great backfield zip represented by all-American Sherman Lewis, Dewey Lincoln and Ron Rubick at halfback last fall and big fullback Roger Lopes, who was much faster than he looked, is gone.

Those four men were the top rushers on the team. They rolled

up 1,512 of 1,801 yards gained on the ground. Lewis and Lopes alone registered 15 of the Spartans' 20 touchdowns. Lewis also gave the club five great plays of 84 yards or more each.

The men most likely to replace the brilliant halfback trio--lettermen Harry Ammon and Dick Gordon--are plodders by comparison. There is no letter-

man fullback at all to step in for Lopes.

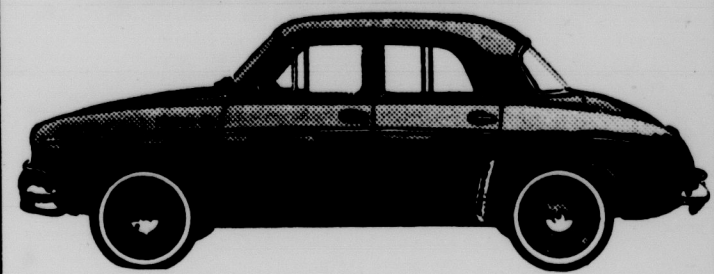
The best speed available is in the sophomore group. Backs Clinton Jones, Jim Summers, Jerry Jones and a couple others can move, but they must first learn the other chores required of backfield men.

Non-letter-winning returnee Jim Garrett could give a lift,

too. A Big Ten broad jump champion, he can fly, but he has yet to prove himself in football.

In fall drills starting Sept. 1, any back who can move out a step ahead of the pack in wind sprints will draw a crowd--of coaches, that is. Fast-running backs are the Spartans' biggest need.

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Intramural News

Softball Schedule

Today
Field 6 p.m.
1 Butcher Boys--Lushwell
2 D-Bags--Tonys Boys
5 Agr. Eng.--Schlits
7 Ag. Econ.--Paperbacks

Monday's Results

Field 6 p.m.
5 Vikings--Scholars
7 Ag. Engr.--Paperbacks or Ag Econ.

Monday's Results
Skew Fielders 3, Ossicles 2
Scholars 3, No-Counts 0
Vikings 6, Ursa Survivors 4
Nortuisorp 7, Celler D. 0
Catalysts 3, E.R.'s 0
Agnuts 3, D-Bags 1
Sarfers 7, Bio-Inst. 6

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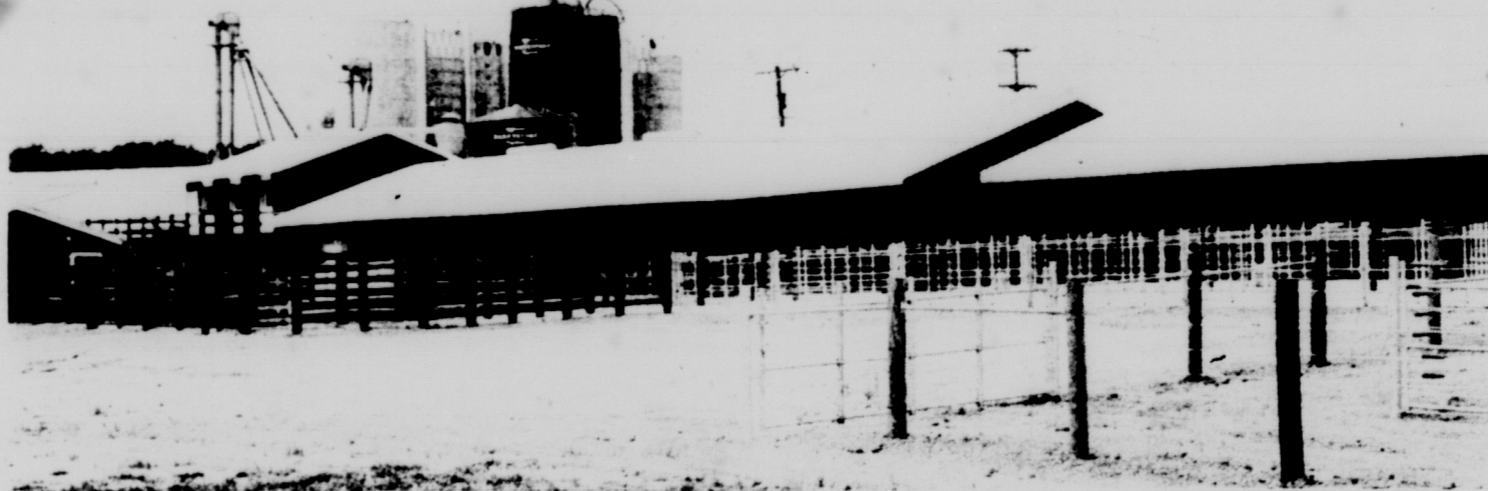
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Churchmen At Kellogg

In 1964, who is an educated man? The colleges and universities whose primary purpose is to educate man, how are they doing? The students, who are they? What have 18 years of home and public influences made them like? These are some of the poignant questions that 125 members of the United Campus Christian Fellowship hope to answer in a national conference at Michigan State University's Kellogg Center for Continuing Education Aug. 29-Sept. 3.

What can the church contribute to higher education? What can the UCCF do to further the college in its proper role? These are the ultimate questions. The UCCF's first national "Consultation on Being a Participant in the Work of Colleges and Universities" is the prelude of a study which leaders feel will take several years. The consultation is sponsored by the MSU Committee on Church Related Programs and the national council of the UCCF.



WHAT'S YOUR BEEF? -- It's cattle, sir. The new Beef Cattle Nutrition Research Center, located at the corner of Beaumont and Bennett Roads, opened today. Much work of value to cattle raisers is expected to be done there. Photo by Larry Fritzlau

Architect Fuller Speaks On Work

R. Buckminster Fuller, one of the most creative and controversial architects of modern times, is the featured subject on the absorbing three-program series, "The Fuller World," which began last Sunday on WMSB.

In the remaining two programs, viewers will meet the man, see his work, and listen to him discuss his vision of the future. Fuller discusses some of his architectural contributions in terms of his deep concern for the welfare of "total man."

Fuller has been called "a philosopher-scientist," "the first poet of technology," "the most creative mind in the field of architecture," "a mystic," and "a crackpot." His fabulous designs have substantiated his philosophical tenets, especially his belief in the conservation of energy, materials and time.

By 1927 he had designed and patented the Navy's first powered vertical rise aircraft that was twenty years ahead of its time. In 1933 he produced an automobile that would do 120 miles per hour with only a ninety horsepower engine. In the early 1940's he published a map that for the first time showed the entire surface of the earth in a single view without distortion.

The famous Fuller geodesic dome is being used for factories, private homes, exhibition halls, radar housings, and auditoriums around the world. In program number two viewers see a geodesic dome actually being constructed. The domes are designed to be cheap, simple to construct, and adaptable. They are light enough to be put together by helicopter and can be put together in a matter of hours.

Other Fuller designs seen in the three programs include a dymaxion three-wheeled car that Fuller invented in his early thirties, his DEW Line buildings, and the Fuller prefabricated houses in Puerto Rico. "The Fuller World" was produced by WGBH-TV, Boston's educational station.



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Television Probes Unity In Kenya

A probing journey into the heart of the newly independent African nation of Kenya is the subject of this week's "Perspectives" program titled "Africa: The Hidden Frontier" to be shown on WMSB Wednesday, August 26, at noon and Friday August 28, at 6:30 p.m.

The one-hour program documents the problems Kenya faces in attempting to unify its numerous African tribes, its European and Asians, into a coherent nation. There emerges in this program a perceptive look at this challenge and a revealing examination of the contrasting way of life of the European and Asian settlers, and the social progress that has been made in spite of this mosaic of peoples.

The cameras travel through the vast isolated and the more civilized regions of Kenya, sharply tracing the contrasting ways of life among its 8 million people. The struggle for unity is stressed with Prime Minister Jomo Kenyatta's speech to a huge tribal gathering. In several places the cameras dwell on significant tribes.

The Somalis are a tribe wanting as little as possible to do with the central government, and a tribe threatening to secede to Somalia. The cameras also visit the Kikuyu, farmers who led the wars that resulted in Kenya's independence, and the nation's strongest and most dominant political tribe. The Masai, once a great warrior clan, are now a tribe demanding that their isolation be accepted as part of Kenya's emerging political and social pattern. The unpretentious Giriama live of the land and claim that being Giriama is patriotic enough.

The symbol of Kenya's effort to unify is a visit to the melting-pot of Nairobi.

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COLOR SHORT AT 8 P.M.
COLOR CARTOON AT 8:09

MOLLY BROWN TWICE AT 8:16 AND 12:30

The joy-filled story of America's own get-up-and-go gal...all the way from ragamuffin to riches!

the Unsinkable MOLLY BROWN

DEBBIE REYNOLDS • HARVE PRESNEL
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Film Showing To Summarize Photograph Mission To Moon

"Lunar Bridgehead," a special film documentary summarizing the dramatic Ranger VII mission to photograph the moon, will be shown on WMSB Saturday, August 22, at 1:30 p.m. and Sunday, August 23, at 3:30.

The highly successful Ranger mission was described by President Johnson as "an historic extension of man's knowledge." The success of the flight has contributed valuable knowledge toward the efforts to place men on the moon by the end of this decade.

The half-hour film traces the development of the Ranger project and its historic mission from the moment of launch at Cape Kennedy to the receiving of close-up views of the lunar surface by the Goldstone tracking station.

Many of the nation's leading space scientists and engineers involved in the planning, launching and tracking of space probes appear in the film. Gerald P. Kuiper, University of Arizona astronomer, head of a group of scientists who evaluated the Ranger pictures, describes the film and the kinds of information which NASA received from Ranger VII. Homer Newell, NASA Associate Administrator, and William H. Pickering, Director of the Jet Propulsion Laboratory, discuss the success of the mission.

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28th **"THE NIGHT OF THE IGUANA"**

Profs Off For Meet On Soils

Eight staff members of the department of soil science will attend the 8th Congress of International Societies of Soil Scientists in Bucharest, Romania, Aug. 30 thru Sept. 8.

Ray L. Cook, chairman of the department, Eugene Doll and James Porter, extension specialists, accompanied by their wives, have left by plane for Germany. There they will take delivery of an automobile and tour and visit experiment stations in Italy, Switzerland, Yugoslavia, Romania, and Hungary before returning to the United States on Sept. 20.

Earl Erickson, researcher on the MSU staff, now in Germany on study leave, will attend the conference before returning to the United States.

Kirk Lawton, returning from a two-year assignment with the MSU program at the University of Nigeria, will attend the soils meeting before returning to the U.S.

Louis A. Wolfanger, accompanied by Mrs. Wolfanger, is touring Europe before attending the conference.

Also attending will be Max Mortland, research professor and Gary Lesman, a graduate assistant.

Faculty Plan For Confab

Five faculty members will participate in the annual four-day meeting of the American Accounting Association at Indiana University beginning Aug. 29.

James D. Edwards, chairman of MSU's department of accounting and financial administration, is vice president of the national organization. He will preside at a luncheon Sept. 1.

Other members of the department of accounting and financial administration who will participate on panels or in discussion groups are: Gardner M. Jones, Charles J. Gaa, Roland F. Salmonson, and Floyd W. Windal.

Membership in the organization is open to accountants in education and professional practice.

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STARTS WEDNESDAY
SHIRLEY MAC LAINE
"What a Way to Go"



THE LUNA RANGER RIDES AGAIN -- This time, however, the Ranger rocket is not riding in outer space. It is riding in this display in the lobby of the Abrams Planetarium.

Photo by Ken Roberts

4-H Show To Miss Market Livestock

The familiar grand champion steer, lamb and barrow will be missing from the 49th annual State 4-H Show this year, says a University animal husbandman. Dates of the show are August 31 - September 3.

Ralph Morrow says no market livestock classes in beef, sheep, or swine will be shown in the Show. This means that there will be no auction sale. Increased emphasis, however, will be given to the breeding classes in beef, sheep and swine.

Morrow says one of the reasons for this action is the increased number of county fair market livestock shows and sales. He points out that county programs are stronger in late August than has been the show and sale at the State 4-H Show. "Thus the quantity and quality of market classes has not been satisfactory and has been re-

flected in a less than satisfactory auction sale," he says.

Another reason is that the State 4-H Show dates conflict with county events, and currently with the Michigan State Fair show and sale.

Morrow adds that important plans are underway for further strengthening the Junior Livestock Show later in the year in Detroit to make it the major show and sale at the state level. This will concentrate the market livestock show at the state level in one significant event, with emphasis on carcass programs as well as the on-foot classes.

Campus NAACP

The campus chapter of the NAACP will hold a business meeting tonight at 8:00 in room 33 of the Union. Plans for a voter registration project and policy matters will be considered.

Educational TV Loses Field Head Callihan

Patrick Callihan, director of Field Services for National Educational Television, has resigned effective August 16 to become president of the Charter Development Company, a real estate development firm in Lansing.

A native of Michigan, Callihan left WMSB, the University's educational television station, to become station relations associate at N.E.T. in 1959. He returned to East Lansing as station manager of WMSB in 1960 and then rejoined N.E.T. in 1962 as affairs. As director of field services, Callihan has headed a department which maintains close liaison with the 82 educational television stations affiliated with N.E.T.

Before joining N.E.T. in 1959, Callihan spent six years as writer, director, and producer of

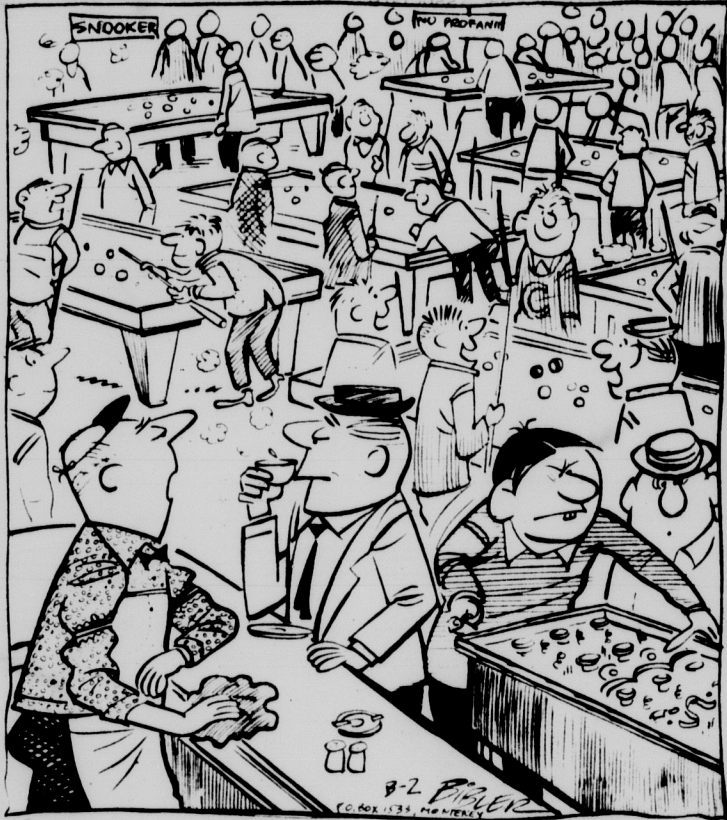
television shows and as an ETV administrator.

At WMSB he was once liaison between the station and members of the faculty appearing on television shows. He also coordinated operations with the staff of WILX-TV, a commercial station that shares Channel 10 with WMSB.

Before that Callihan was a writer, director, and production supervisor for WKAR-TV, the ultra high frequency channel formerly owned by MSU.

Callihan holds two degrees from Michigan State, a bachelor of arts (1953) and a master of arts in educational administration (1956). While at MSU he was active in the Dramatics Club and the Spartan Players. He is a member of Alpha Epsilon Phi, the International Lions Club, the Royal Order of the Moose, and the Public Relations Association of Michigan.

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OKEMOS. WHY pay rent? Low down payment. Beautiful tri-level. Three bedrooms, two baths. Family room. Lovely neighborhood. Five minutes from campus. Vacant. ED 2-6680. 17
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MAGNOLIA S. 218. Four large bedrooms with closets. Carpeted living and dining rooms. 12' x 12' kitchen with dishwasher, and lots of cupboard space. Family room, 1 1/2 baths. Gas heat, garage. Near parochial and public schools. 372-3951. 19
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EAST LANSING. Marble-St. Thomas School. Three bedroom, tri-level. Two full baths. Carpeted living room, dining room and hall. Mahogany paneled recreation room with fireplace. Call ED 2-8939. 954 Belridge. 19
LAFAYETTE ST. 634. Six-room house. Two bedrooms and bath. Completely remodeled. \$10,500 with 1/2 down. TU 2-3298. 19
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PRETTY DISHES, old jewelry, furniture and what-have-you. Phone IV 5-0608. 1031 S. Grand. 17
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COLLEGE GRADUATE wishes small house in country. Phone 372-3380 between 5 and 7 pm. 18
WANTED THIRD girl to share two-bedroom duplex Fall term. Call 337-9379. 18
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CAMPER--LATE model Volkswagen or comparable vehicle. Fully outfitted. References. Wanted for September 4 for 2-3 weeks. 355-1243. 19
TWO GIRLS want apartment Fall term. Only \$100. Call Kathy, at ED 2-6471. 19
WANT TO RENT garage. Vicinity of 500 block of Grove. Call ED 2-1792 or ED 7-0830. 18

Flying Thieves Destroy Fruit

Southwest Michigan farmers know the culprits destroying more than \$2.5 million worth of fruit annually, but as yet they haven't been able to nab the band of big-time crop thieves.

Thousands of starlings--often behaving like an organized band of desperadoes--pay little attention to the troubled fruit growers as they playfully pluck valuable crops to their hearts content.

Damage to fruit, wheat, field corn, sweet corn and many other crops has increased tremendously in recent years due to the ever-increasing starling population, says Frank Madaski, Berrien county Cooperative Extension Service director.

Although most farmers in the area have felt some starling damage, fruit growers--especially those raising blueberries and cherries--have received the brunt of the never-ending attack.

Madaski pointed out that conditions this year are much worse than two years ago when a random survey showed 81 per cent of the farmers in the area were suffering from starling damage. Some growers reported losses as high as 20, 50 and even 75 per cent of their crops in that survey.

John Nelson of the Michigan Blueberry Association in Grand Junction, estimated 1963 losses amounted to over 200,000 boxes--well over one-half million dollars.

Individual farmer losses were also running high. A. W. Krieger of Bridgman estimates starlings damaged more than 10 tons of his blueberries last year with losses running as high or higher this year. The "bandits" have been plaguing his farm for the past decade.

And the startling damage isn't confined to southwestern part of the state. Farmers in all parts of Michigan and the Pacific Coast states have been badly hit by the birds.

Worst of all, no satisfactory methods have yet been devised for controlling starling populations. Farmers have tried a wide variety of control methods--aluminum discs, papier mache owls, rocket-type exploders shot from guns and traps--all with little success.

Starling research control got underway this summer through the cooperation of the United States Fish and Wildlife Service and the Southwest Michigan Bird Control Committee, a group of farmers, fruit growers and Cooperative Extension Service members interested in finding methods of controlling the troublesome pests.

The research is being conducted in Berrien and Cass counties where 15 traps are operating to study the starlings and the effect, if any, on controlling bird numbers. A Michigan State University fisheries and wildlife student, Terry Norton, is tending the traps during the summer months under a \$2,500 grant from the U.S. Fish and Wildlife Service.

Birds enter the trap by dropping through a board or wire. They can't escape, since their wings spread wider than the trap openings when they attempt to fly out.

Madaski visited the Krieger farm at 3 p.m. one day recently when Norton was emptying a trap. "I went back the next morning and there were 196 starlings in the trap in just an 18-hour period," he reported.

The county extension director also believes the traps can best be used early in the season to curb the starling population. "Trapping 1,000 female starlings in April and May could reduce the end of the summer population by as much as 10,000 birds," commented Madaski.

Air Force Seeks Teachers

The Air Force has announced that it still needs teachers for the 1964-65 school year at its schools for dependents in Labrador.

Minimum experience requirements have been lowered to one full year teaching experience in the appropriate subject. Teachers are needed in the following areas: guidance counseling, as a teacher-counselor, junior high math, and senior high math and science.

Individuals interested in applying may call the Overseas Placement Officer, Civilian Personnel Office, Selfridge Air Force Base.

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PREM YOUR CHOICE	SWIFT'S 12 OZ. LUNCH MEAT	35¢
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MICHIGAN POTATOES 25 LB. BAG 80¢



UNIONIZED—Construction on campus is largely done by labor union members, so it's only fitting that such work should be done around the Union as this fellow is doing

Seek Quality Guarantee

Roadside Stands Oranized

Michigan roadside fruit and vegetable stand operators have banded together to help consumers know exactly where to look for quality produce and how to avoid doing business with unethical highway based peddlers.

"Many of these highway based truckers selling stale produce at regular prices give the entire roadside stand business a black-eye," says Don Hine, district extension marketing agent in southeast Michigan.

Following two years of careful study, 25 growers and roadside stand operators located in nine southeastern Michigan counties organized the Michigan Certified Farm Markets earlier this year. Aim of the organization is to educate consumers to the high quality food grown and sold at members' roadside stands, according to Hine.

Roadside stands are a big volume business with some of the operations selling more than \$100,000 worth of produce annually. Most members of the organization grow the majority of the produce they sell, but often turn to other growers as sources of certain specialty items.

Membership in the organization is open only to marketers meeting rigid rules for quality, service and cleanliness and who are willing to abide by a special code of ethics. Consumers can identify members by a trademark sign which is displayed in a roadside market.

"Our roadside stand operators are working in the interest of their customers as well as themselves," believes Robert Spicer of Linden, president of the organization. Spicer, a large fruit grower and roadside stand operator himself, expects to see the

day when the "certified" emblem displayed in member stands will be associated with top quality produce by all consumers. Although the organization is only composed of roadside marketers in southeast Michigan this year, Hine expects membership to grow on a statewide basis by next year.

More Education Helps Non-whites

Greater educational attainment and equal employment opportunities holds the key to improving the socio-economic position of nonwhites in Michigan.

This is the view of two labor relations specialists at Michigan State University in an analysis of the non-white population in the Michigan labor force.

The report by Daniel H. Kruger, professor of industrial relations, and Ernest Irwin, graduate assistant, appears in the July-August issue of the Michigan Economic Record, a publication of MSU's Bureau of Business and Economic Research.

They indicate that the socio-economic position of non-whites in Michigan will not alter significantly during the next few years.

"Most of the trends which account for the gap in the socio-economic levels between whites and non-whites," they point out, "can be expected to continue in the immediate future."

While there are exceptions, Kruger and Irwin note in their study, non-whites generally earn less, occupy lower levels in the occupational hierarchy and suffer higher unemployment.

The authors caution against "too much optimism" concerning the effects of the Manpower Development and Training Act. "It is unlikely," they point out, "that many non-whites with

limited educational background will enter retraining programs requiring considerable formal education."

Consequently, they add, the result is a transfer from one low skill occupation to another.

"Teach children the meaning of safety and they will grow up wiser and healthier than before," he says. "At the same time, take a tip from them. Follow safety practices yourself."

According to the last census, Kruger and Irwin report, Michigan white families had a median income in 1959 of \$6,442, while the figure for non-white families was \$4,407, or about \$2,000 less.

The census also disclosed that 59 per cent of all non-white families earned less than \$5,000 as compared to only 31 per cent of all white families.

In the \$10,000-and-over income bracket in 1959, only 5.8 per cent of all non-white families were included, as compared to 18.5 per cent of all white families, according to Dr. Kruger and Irwin.

The authors note that 39 per cent of all white persons in Michigan 25 years of age and over have a high school education or better. This compares with 25 per cent for non-whites.

The national unemployment rate last year for non-whites was 10.9 per cent as against 5.1 per cent for white workers, Dr. Kruger and Irwin reported.

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Aspirin Misuse Deadly

That small bottle of aspirin sitting in the medicine cabinet can't pull a four-bottom plow, but it has as much killing power as the powerful tractor that can, Richard Pfister, extension safety engineer, said recently.

Few people realize the danger involved in the misuses of these two dissimilar objects, contends Pfister. Each year 600,000 children under five years of age swallow poisonous substances found in their homes. Aspirin is most frequently involved.

The farm tractor is involved in the majority of fatal farm power accidents. Studies show that 55 percent of tractor accident victims are under 20 or over 60 years of age.

Although aspirin leads as the No. 1 killer of children in the home, other drugs such as cleaning supplies and cosmetics take their toll, too. Very small children are prone to eat anything, despite irritating fumes or obnoxious taste or smell.

"Little do they know of the danger that lurks in a bottle of medicine," says Pfister. "That means it is the responsibility of the parents to keep poisons away from children."

Safety procedures developed in the home should be practiced in the barns and on farm machinery, reports the safety engineer. Statistics show that an accident kills a farm resident every hour. The farmer who replaces safety shields or follows a good accident-prevention program has a better chance of being alive tomorrow.

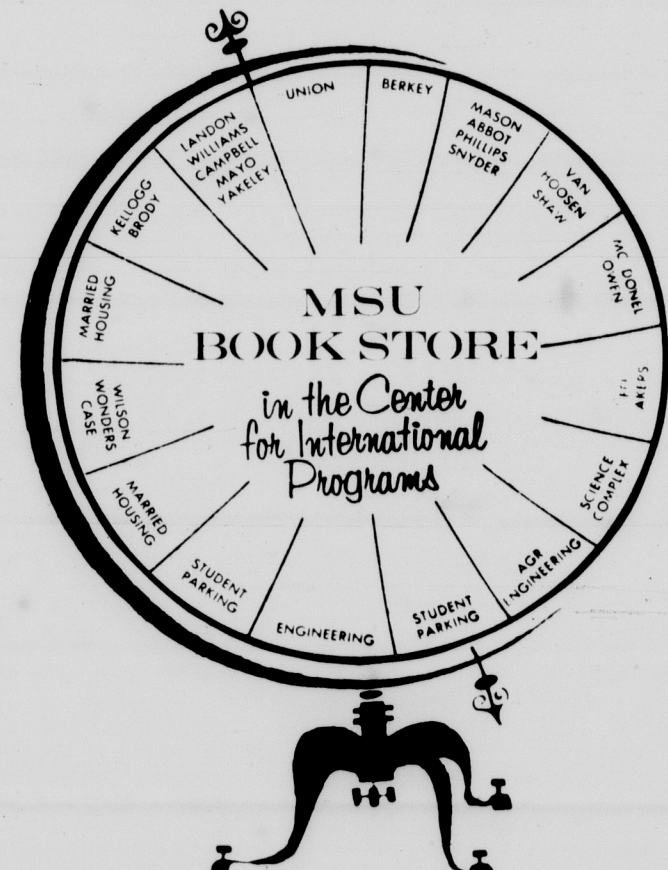
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