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NAVY VANQUISHED, 27-12

Middies Are Baffled By Deceptive Michigan Attack Early In Game

LLOYD RUNS ENTIRE LENGTH OF FIELD FOR FIRST NAVY SCORE

WIND HINDERS PUNTS

RICH AND MILLER BEAR BRUNT OF WOLVERINE ATTACK AGAINST INVADING MIDSHIPMEN

BY HERBERT E. YEDDER

NEW STADIUM FIELD, Nov. 12—Michigan's fighting Wolverine clan swept over the crew manning the U. S. Naval Academy gunboat here this afternoon to pound out a victory before a crowd of 87,000 in one of the most colorful of gridiron battles. Navy's mascot, his honor the goat, and Bill and Bennie, the two live Wolverine mascots were interested spectators at the headline intersectional contest in the West.

It was a perfect day for football and both teams ran up a varied attack in efforts to settle their grudge dispute. Navy unable to avenge the 54-0 defeat on Ferry field two years ago fought desperately, but the Wolverines crashed through to seven the score for the defeat handed them at Baltimore last fall.

FIRST QUARTER

Captain Oosterbaan and Captain Hannegan met in the center of the field and for the first time this year, the Michigan leader won the toss. He chose to defend the north goal.

Lloyd kicked off to Miller who ran the ball back 25 yards to Michigan's 32-yard line. Rich got one yard at right guard. Puckelwartz attempted to slide off tackle but was stopped without gain by Clifton. Gilbert got a beautiful punt which Oosterbaan downed on Navy's 45-yard line. Clifton lept at the Michigan line and made a yard. Miller carried the ball off left tackle for two yards, Rich stopping him.

Meyer's kick was poor and out of bounds but the ball was called back and Michigan penalized five yards. Meyer kicked again, the ball bouncing back to Navy's 28 yard line. On a triple pass Gilbert took the ball around right end for eight yards. Rich made a yard. Miller made a first down on Navy's 28 yard line. Gilbert stumbled but went off tackle for two yards.

On a beautiful deceptive play, Gilbert took the ball around left end, gaining six yards. This play came after a lateral pass. Navy, with the ball on her 18 yard line took time out. Miller carried the ball on a quarterback smack for first down on Navy's 48 yard line, Oosterbaan plunged for four yards.

Navy was penalized five yards, Rich picked a hole at left guard for first down on Navy's four yard line. Wheichel held Rich to a one-yard gain on his next buck. Rich bore like a madman, fighting his way within a foot of the goal line.

Rich plunged over the center of the line for a touchdown and the Michigan rooting section went wild, throwing yellow and blue cards into the air.

With Miller holding the ball, Gilbert kicked perfectly for the extra point.

SCORE: MICHIGAN, 7; Navy, 6.

Gilbert kicked off to Whitey Lloyd on Navy's seven-yard line. Lloyd running the ball back to Navy's 27 yard line before Nyland threw him out of bounds. Rich stopped Lloyd's aspirations at the Michigan line, the play netting a yard. Clifton fumbled and Nyland recovered on Navy's 37 yard line. On the first play Puckelwartz tossed a pass just over Oosterbaan's reach on a play which was a sure touchdown had the Wolverine gotten hold of the ball.

Jim Miller cut off left tackle for four yards on a triple pass play. Puckelwartz passed to Nyland, but it was not incomplete. Navy was penalized fifteen yards for holding giving Michigan first down on the 11 yard line. Oosterbaan carried the ball six yards off left tackle. Gilbert fumbled and Bogdanovich broke through to recover for Navy on her 10 yard line.

Clifton punted to Gilbert who returned it seven yards to Navy's 34 yard line. Miller was stopped for a yard gain.

On a perfect deception play which looked like around right end, Gilbert with a two-man interference ran the left side for 21 yards, putting the ball on Navy's 8 yard line.

Taylor replaced Smith at end for Navy. Michigan's scoring play, a lateral pass, Oosterbaan to Gilbert, and Gilbert sliced off right tackle for seven yards before he fell. Rich put the ball on Navy's one foot line. Rich found a nice hole at right tackle and leaped over for a touchdown.

Gilbert's kick sailed crazily, but was good for the extra point.

SCORE: MICHIGAN, 14; NAVY, 6.

Gilbert kicked off to Wheichel whose run back was stopped short on the 15-yard line by Ray Baer.

Lloyd got loose and ran the whole length of the field, 85 yards for a touchdown. He broke through the right side of Michigan's line, cutting over to the left immediately after, while Navy interference blocked the Michigan secondary defense. Lloyd ran over the goal line with Miller still five yards behind him.

With Lloyd holding the ball, Warner place-kicked, but his attempt was wide.

MICHIGAN, 14; NAVY, 6.

Gilbert kicked off to Wheichel, Oosterbaan making the tackle on Navy's 20 yard line. Miller tore off Michigan's right tackle for nine yards as the quarter ended.

Michigan 14, Navy, 6.

SECOND QUARTER

Gemble replaced Puckelwartz in the Michigan backfield. Clifton smashed through his right side for first down on Navy's 37 yard line. Palmeroli stopped Miller with a two yard gain. Clifton drove through Michigan's right tackle for six yards, and plunged again, failing by a foot of first down.

Lloyd fumbled the ball and was run back 15 yards by half a dozen Michigan players but managed to get rid of the ball on a desperate pass which Clifton snared, giving Navy a first down on her 47-yard line. Michigan was penalized five yards for offside.

Miller went off his left guard for two yards. Lloyd made another, being downed by Rich. Clifton hurdled the Michigan line for first down on the Wolverine 42-yard line. Wheichel's pass to Lloyd was incomplete. Miller carried the ball at left tackle failing by two inches to make first down. Gilbert replaced Poe at right tackle for Michigan. Miller cut off left tackle, but the play was called back and Michigan penalized another five yards.

Lloyd tore at Michigan's left tackle for nine yards before being downed by Gilbert. Clifton continued the Navy march, giving them first down on Michigan's 16 yard line. Miller made two yards at left guard. On the same running formation Miller attempted a pass to Lloyd which was incomplete. Baser was substituted for Miller for Navy and Heston for Nyland in the Michigan lineup.

Baser slashed off his left tackle for six yards before being downed by Miller. Lloyd's pass to Baser over the goal line was barely incomplete and Michigan took the ball on her own 20 yard line.

Miller made two yards off tackle. Miller failed to gain at left tackle. Gilbert punted to Wheichel who ran 10 yards to Michigan's 45 yard line. Oosterbaan ran Lloyd back but an ineligible man was touched. Lloyd's pass and Michigan kept the ball on her own 46-yard line. Gilbert went through for eight yards at left tackle, Rich made first down on Navy's 44 yard line.

Jim Miller ran off right tackle for eight yards. Oosterbaan dropped back but his pass to Heston was incomplete. Rich bucked the line from pass formation giving another first down on Navy's 33 yard line.

Gilbert faked the pass behind the line and ran two yards off left tackle. Warner made the tackle. Gilbert's pass to Heston was knocked down by Lloyd. Gilbert passed to Joe Gemble across the field but the play lost two yards. Navy took time out.

Gilbert, attempting to place a punt, kicked out of bounds on Navy's 40 yard line. Lloyd was stopped. Lloyd punted out of bounds on Michigan's 30-yard line.

Miller broke loose around his own left end and ran 29 yards before being forced out of bounds in midfield. Rich hit the line for three yards. Burke made the tackle. Sloane held Gilbert to a yard. Hoffman replaced Gembls at halfback. After a triple pass, Gilbert's pass to Oosterbaan was incomplete.

Gilbert punted to Lloyd, who fumbled the ball but, recovered, carrying it out on Navy's 32 yard line. Hoffman and Rich stopped Clifton after he gained a yard. Parish replaced Wheichel for Navy. Gilbert knocked down Lloyd's long pass to Clifton. Lloyd lost a yard but the play was recalled and Michigan penalized five yards.

Heston nailed Lloyd for a six yard loss back of the line of scrimmage. Lloyd punted out of bounds on his own 46 yard line. On a triple pass, Gilbert snaked for six yards at left tackle. Gilbert passed to Oosterbaan on Navy's 25 yard line for a 12 yard gain. Miller dashed around left end for 11 yards and first down on Navy's 47 yard line.

Michigan's interference was stilled and Gilbert lost four yards. Jim Miller tore through left tackle for seven yards putting the ball on Navy's 12-yard line as the half ended.

Michigan 14, Navy 6.

SECOND HALF

Gilbert kicked off to Lloyd who returned the ball 20 yards to Navy's 37 yard line. Baser carried the ball for a yard. Clifton carried the ball for a yard. Lloyd kicked a pop-up which was downed on Navy's 42-yard line on a kick of 13 yards. Puckelwartz, who returned to the game, made four yards off left tackle. Wood was injured on the play.

Jim Miller made six yards running on a delay, failing by inches of first down. Rich made first down on Navy's 30 yard line. Puckelwartz tore loose off right tackle for 14 yards and first down on Navy's 16 yard line. Miller made three at left tackle on a triple pass. Puckelwartz broke through right tackle for six yards.

Miller made first down on Navy's five yard line. Miller ran around through his own left tackle for a touchdown, going across the line standing up without being touched. Gilbert missed the kick.

MICHIGAN 20, NAVY 6.

Gilbert kicked off to Whitey Lloyd who ran the kick back 30 yards before being thrown out of bounds on his own 42 yard line by Palmeroli.

Michigan took time out for Gilbert intercepted a pass from Lloyd on his own 40 yard line and raced 30 yards to Navy's 30 yard stripe. Miller made two yards off left tackle being stopped by Baser. Puckelwartz found a hole at right guard and made four yards before Wilson got him. A pass, Puckelwartz to Gilbert, was too long.

From a place kick formation Miller received the ball and run 22 yards around the left side of the field before he was thrown out of bounds on Navy's 3 yard line. Rich fought through to the one yard line. Oosterbaan plunged over the center of the line for the touchdown.

Gilbert kicked the goal.

MICHIGAN 27, NAVY 6.

Navy substituted Moret for Smith at the end and Poe replaced Gatel at right tackle for Michigan. Gilbert kicked off to Lloyd who ran back 15 yards before Palmeroli downed him on the Navy 31 yard line. Clifton got five yards at Michigan's right tackle. Lloyd made a quick pass to Baser which was good for first down on Navy's 46 yard line. Clifton took the ball out of bounds. Whitey Lloyd ran through the Michigan line again and was almost loose when Puckelwartz threw him out of bounds on Michigan's 38 yard line.

Navy substituted Ramsford for Baser. Lloyd found a hole at right tackle for three yards. Lloyd's pass bounded out of Baer's arms to Clifton and was complete for six yards on Michigan's 19 yard line. Ramsford made two yards and first down on Michigan's 17 yard line. Oosterbaan making the tackle. Ramsford ran Michigan's right end for four yards. Rich stopping him.

After a pass behind the line, Ramsford made two yards on a delayed buck. Clifton pounded through his right guard to Michigan's five yard line. It was first down.

Gilbert, Oosterbaan and Miller contributed to hold Lloyd to less than a yard. After being momentarily stopped, Ramsford plunged on across



Miller Proves Backfield Star

Jim Miller

Michigan quarterback, who was a main cog in Michigan's offensive in today's contest with the Navy.

SCORE BY QUARTERS

	1st	2nd	3rd	4th	FINAL
NAVY - -	6	0	6	0	12
MICHIGAN -	14	0	13	0	27

THE LINEUPS

Navy		Michigan
Sloane	LE	Oosterbaan
Wilson	LT	Pommerening
Burke	LG	Palmeroli
Wood	C	Schoendeld
Wilson	RG	Baer
Bagdanovich	RT	Poe
Moret	RE	Nyland
Wheichel	QB	Miller
Lloyd	LH	Puckelwartz
Miller	RH	Gilbert
Clifton	FB	Rich

ANN ARBOR WINS FROM SAGINAW BY ONE POINT

Frey of the Ann Arbor High Suffers Broken Ankle After First Points Made

MORDSKY IS STAR PLAYER

Ann Arbor High School defeated the highly-touted Saginaw Eastern eleven this morning by the close margin of 7-6. The final score is deceiving in that it gives no idea of the real superiority of the Ann Arbor team. Play was in Saginaw territory much more than in the local team's. The greatest advantage held by Ann Arbor was in punting. Herz Mory were able to regain all that Saginaw made by their savage line plunging. Neither team was able to work passes at all effectively, but Saginaw made good good gains around Ann Arbor's ends.

Ann Arbor made their touchdown in the first quarter. It was in this quarter that Frey, Ann Arbor halfback, was carried from the field with a broken ankle. The kick for point was good. The play in the second quarter was slow, neither team having an advantage.

In the third quarter Saginaw seriously threatened Ann Arbor's goal line twice. Their second attempt was only a few yards short of a touchdown. In the final quarter on an exchange of punts Ann Arbor fumbled on their twenty-five yard line. Penfell, Saginaw back, scooped up the ball and raced for a touchdown behind fine interference. The kick for goal was blocked. As the game ended Ann Arbor was within a few feet of another touchdown. Mordsky starred for Ann Arbor, while Pendell was Saginaw's greatest threat.

SAGINAW		ANN ARBOR
McCaslin	LE	Davis
Zimp	LT	Pfeifle
Milligan	LG	Conover
Koepke	C	Stout
Jenkins	RG	Merifield
Merrill	RT	Mayfield
Rummel	RE	Van Akkeren
Maksimowicz	Q	Mordsky
Kerr	LH	Frey
Pendell	RH	Schroter
Zdanewicz	FB	Miller
Referee		Mitchell
Umpire		Brown

Saginaw	0	0	0	6—6
Ann Arbor	7	0	0	0—7

Michigan's goal line for a touchdown.

Lloyd failed to kick the goal.

MICHIGAN, 27; Navy, 12.

Gilbert kicked off to Ramsford who ran 10 yards to Navy's 30 yard line. Ramsford, refusing to be downed, ran 20 yards. Lloyd gained a yard. Ramsford made it first down on Navy's 48 yard line. Clifton made a yard through center.

A pass, from Lloyd to Ramsford was good for another first down, this time on Michigan's 43 yard line, as the quarter ended.

MICHIGAN 27, NAVY 12.

FOURTH QUARTER

The unstoppable Billy Ramsford ran eight yards through Baer before Michigan's secondary could get him. Again Ramsford carried the ball, making first down by inches, Oosterbaan and Rich making the tackle. Clifton took the ball two yards at right tackle. Ramsford kicked a pass from Lloyd out of the ground, making it complete on Michigan's 25 yard line. Ramsford found a hole at Michigan's right guard and tore through for a first down on Michigan's 12 yard line.

Another plunge by Ramsford through Michigan's right guard gained three yards. Navy tried the same thing again and gained foure yards with Ramsford carrying the ball between Poe and Baer. Clifton made a yard. It was fourth down and two to go with Navy having the ball on Michigan's five yard line.

Michigan 27, Navy 12.

FOOTBALL RESULTS

THIRD QUARTER

Army 21, Notre Dame 0.
Princeton 6, Yale 0.
Harvard 13, Brown 6.
Dartmouth 47, Cornell 0.

FIRST HALF

Illinois 9, Chicago 0.
Ohio State 32, Dennison 0.
Pittsburgh 21, Nebraska 7.
Penn State 13, New York U. 7.
Iowa 9, Wisconsin 0.

FIRST QUARTER

Northwestern 0, Indiana 0.
Minnesota 6, Drake 0.

FINAL SCORE

Army 13, Notre Dame 0.
Wash. and Jef. 6, Bucknell 3.
Syracuse 6, Colgate 0.

SIDELIGHTS

The Grand Rapids South band formed a perfect N-A-V-Y before the Navy goat, between halves.

Statistics at the end of the first half:

Yardage gained from line of scrimmage, Michigan, 145; Navy, 138.

Yardage gained by passes: Michigan, 12; Navy, 4.

Attempted passes: Michigan, 7; Navy, 4.

Completed passes: Michigan, 3; Navy, 0.

First down: Michigan, 10; Navy, 5.

Penalties, Michigan, 20; Navy, 20.

Gilbert averaged 31 yards on four punts and Navy averaged 26 yards on 9 the number of trips.

Navy's squad of some 30 odd players was first to take the field, coming on at 1:50 p. m. At this time there was a liberal sprinkling of spectators in the stands, but filling them scarcely more than one-third.

To two of Michigan's cheerleading squads was given the doubtful honor of parading Navy's immaculate billy-goat. The goat looked like an Aegora, but was quite gentle when the time came for photographers to get a look at him. It seems that the goat is used to such performances.

There wasn't anything to it! This press box of ours at Ann Arbor is sure a big place—but oh, how cold. There simply must be some heaters or something put in this place. The only thing that saved the scribes was that the wind blew from the west.

The notables, including Gov. Fred Green, Fielding H. Yost himself, President Clarence Cook Little, and others, came on the field at 2:15 and a moment later the Michigan squad, with the exception of kickers, followed Ilio Navy to the dressing rooms. Gilbert and Gembls were both place kickers.

At 2:30, the Michigan heralds announced the approach of Grand Rapids South's 100-piece high school band, champions of various things. With the exception of the drummajor, clad in white with a dash of blue in his jacket, the South's band was arrayed in blue uniforms with red capes. Bringing up the rear were four industrious youths pushing and pulling at the big base drum which was about eight feet in diameter and on wheels.

After giving over the stage to the high school band Michigan's band strutted onto the field followed by Bill and Bennie, secure in their cage, and the impatient, restive Navy goat. Bennie growled his defiance back at his honor, the goat. The Michigan band formed M-I-C-H perfectly in the center of the field, flanked on the north by the mascots and on the south by Navy's representatives.

Led by Captain Oosterbaan, Michigan's squad romped onto the field at 2:19 and went through signal drill, being divided into three teams. The Wolverines in their bright yellow helmeted headgears showed up especially well.

SOPHOMORES WIN FALL GAMES FROM FRESHMEN; SCORE IS 3-2

MOST BITTERLY FOUGHT BATTLE IN MANY YEARS

FRESHMEN YIELD ONE FLAG, PILLOW FIGHT AND CANE SPREE

CLASS BANDS PRESENT

Large Crowd of Spectators at South Ferry Field Witnesses the Traditional Battle

Biting, clawing, and battering their way to victory over the tender yearlings, the sophomore class of the University took the measure of the green smeared freshmen in the annual fall games held this morning at South Ferry field. The final score was 3-2 in favor of the class of '29, though the not too decisive victory was gained only after one of the bitterest underclass battles in years.

The verdant class of '31, more than 500 strong, was first on the field shortly after 9:30. The sophomores, after keeping their opponents waiting in the cold blasts of the field of combat for about half an hour, strode on to the scene at 10 o'clock. Both classes were resplendent in their war paint—the sophomores red and the freshmen green, and both exhibited alleged bands for the edification of the assembled multitude, which numbered nearly 1,500 persons.

Sophomores Score First

The sophomores started with a rush, and though outnumbered by more than 100 men they swept through the first two events in decisive fashion. The first event on the program, the pillow fight, gave the second year men their first point when four of the freshmen were dethroned from the saw-horses, while only three sophomores descended before the onslaughts of their freshmen antagonists. Two of the fights ended in ties, both men refusing to give way in the eight minute period.

With one point tucked safely under their belts or suspenders or whatever they wore, the red faced sophomores entered the second contest, the cane spree, with even more zeal. Nine husky freshmen were completely inadequate to stem the rising tide of the sophomores, and full flushed with victory, the red men swept through the cane spree like a hurricane. Out of the nine individual cane spree contests the sophomores took five, while the green youths only managed to wrest only two of the canes away from their antagonists. Two of the contests ended in ties, one of them being between the captains of the two classes, Walter Cress, '28, and Lawrence Rogers, '31.

Another Point Added

This added another point to the mounting total of the sophomores, and gave them two out of the total of five points. The last event on the program was the flag rush, with the freshmen defending three poles and each flag counting one point. It was only by artful guile that the sophomores were able to gain the single flag that spelled victory for them.

The trick that won the games for the sophomores was a brilliant piece of strategy. The freshmen gathered around the three poles to defend the flags, while the sophomores withdrew to conspire. Of a sudden a wave of red sophomores, with terrific shouting and cheers, swept down from the West on the nearest pole.

The freshmen, guileless and innocent, hastened to the defense of the besieged flag, and when their principal forces had been drawn off of the other two poles the main body of the sophomores swooped down from the North, taking the flag from the center pole with scarcely a struggle.

This victory gave the sophomores the extra point that they needed to win the games, and though the freshmen successfully defended the remaining two poles in a bitter struggle, the best they could do was garner the remaining two points to prevent shutout victory.

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HOBBS RELATES PROGRESS OF GREENLAND EXPEDITION

(Continued from Page One)

with a wind velocity of 51 miles an hour as measured by the expedition's anemometer, hit the Greenland camp, and 48 hours later New York suffered the summer's most severe storm which flooded basements and so darkened the skies that ships had to navigate by beacons at midday. A connection between the two storms seems likely, but as much thing as a regular period can be looked forward to until the problem has been carefully investigated and tested.

Professor Hobbs sailed on May 19 from New York, joining at Copenhagen the rest of his party which included Ralph L. Belknap of the geology faculty, second in command; Prof. James E. Church, a meteorologist from the University of Nevada; Clarence H. Kelliquist, aerologist on leave from the United States Weather Bureau; Paul Ossanyan, radio expert; and Fred Herr, photographer. Carl O. Erickson of the botany faculty accompanied them as botanist, but was not a regular member of the expedition.

The party was to sail on the new Danish government ship Disko, but was delayed at Copenhagen two weeks while the Disko was given a trial run. Once under way, however, a good run was made to Holsteinborg, which was reached on June 21. The supplies of the expedition were at once transferred to the 23-ton motor-schooner Walrus, powered by a kerosene engine of low power, aboard which the party began the last lap of their journey to the end of Soendre Stroemfjord, or Kangerdlugssuak Fjord, as it is known to the Greenlanders.

Camp Little First Stop

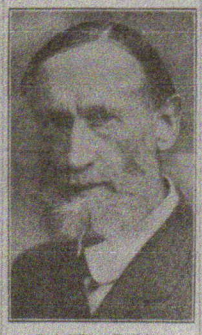
The first port of call for the Walrus was Camp Lillie, a supply base established last year by a preliminary expedition led by Hobbs. Camp Lillie was demolished, and everything loaded onto the Walrus, which set sail southward again, but ran almost at once into the teeth of an Arctic gale that rendered progress impossible. The Walrus put into an inlet for shelter and was forced to remain there a week until the storm, which natives called the longest and earliest in 13 years, had blown over. When the storm had somewhat abated at the end of three days, Hobbs and his men ventured out on the inlet, leaving a lighter and dory, but both the lighter and dory broke loose and were recovered only with difficulty after the Walrus had been turned back into shelter.

Fine weather, however, followed the gale, and the party lost no time in reaching Soendre Stroemfjord, one of the longest on the Greenland coast, which runs 129 miles inland. With clear skies and amid beautiful scenery they sailed up the entire length of this fjord in a single day. As they neared the head of the fjord a lookout was kept for streams of fresh water by which to pitch camp, and for flat stretches suitable for landing. By a stroke of fortune the two were found together; the ship was unloaded and Camp Lloyd set up, in memory of the late Dean Alfred H. Lloyd of the graduate school.

Living Conditions Poor

Living conditions aboard the Walrus on the journey from Holsteinborg to Camp Lloyd left much to be desired in the way of comfort. The tiny vessel carried a crew of four native Greenlanders, members of Hobbs' party, and the while members of the party. Living accommodations were exceedingly limited, compelling Belknap to sleep in the miniature wheelhouse, and Hobbs and Herr to make their beds under an old sail atop one of the hatches. The food provided by the Greenlanders was stored in the hold and inaccessible, with the result that food ran low during the trip.

As soon as Camp Lloyd has been established easily in daily, scouting parties were sent out to pick a suitable mountain for the permanent weather station. Another brilliant store of luck was encountered in Mount Evans, named after Edward S. Evans of Detroit, 50 feet below whose summit was found a lake of delicious water. Work was begun at once on moving the necessary materials to the summit of Mount Evans. The labor involved was tremendous, for everything had to be carried on sledges pulled by the members of the party more than two miles, 1,200 feet up along ridges and over trailless



Prof. William H. Hobbs

ground. Materials for building the station, three 350-lb. batteries, and a Delco gasoline-driven motor-generator weighing 300 lbs. had to be transported in this manner.

Constructed Own Buildings

Moving the materials and erecting the weather station required considerable time, but by July 20 the shack was half erected and the job of moving in was begun. In constructing the shack 2x4 studding was used, covered with boards, and the whole overlaid with a heavy covering of canvas. Architecturally the shack is not a masterpiece for it was primarily designed with a view to protecting it from wind damage. The party did their work so well that the 81 mile gale of July 21 was not even noticed within the half-completed shack.

The shack contains a complete weather station capable of recording all of the data which is recorded at the regulation U. S. Weather Bureau stations, and complete wireless transmitting and receiving set, in addition to living quarters for Oscanyan and Kalliquist who will remain there throughout the winter. The greatest danger to the shack is fire, on account of the quantities of gasoline and kerosene that must be used. In case it should be rendered untenable by fire Oscanyan and Kalliquist have an auxiliary shack to which they can retire for the winter.

Erect Weather Station

The chief work of this summer's expedition was to erect this weather station on top of Mount Evans. Ever since July 21, however, full data has been collected, and a large amount of balloon work has been done, in the latter the party was favored by perpetual clear skies. By a fortunate geographical chance, the inland ice sends an arm down the southern edge of the Soendre Stroemfjord which confirmed all moisture carried by the prevailing southeast winds. As a result clear skies favored the balloon work every day.

For 21 days Hobbs, Belknap, and several other members of the party were absent from the main camp on an expedition over the inland ice. Supplies had to be carried with great difficulty 25 miles to the ice-edge, and the ice-surface was so rough that progress was painfully slow and deliberate. In spite of the crampons, or spikes, worn by the party, it was difficult to maintain a foothold on the ice. It was possible to remain on the ice only a week, because of the delays encountered in leaving Copenhagen and in reaching Camp Lloyd from Holsteinborg. It was the aim of the party to set up poles and fix their location in order to measure the movement of the glaciers which form the ice cap. Five poles were set up, but a snow storm interrupted operations and only three of these could be located. The ice was melting at the time, and it is not certain that these poles will still be where placed when the party returns in 1928.

Party Members To Continue

Bangsted and Professor Church, who are at present with Oscanyan and Kalliquist on Mt. Evans, will leave Dec. 1 if possible for a three months' stay on the ice about 100 miles farther inland. Hobbs has made a contract with Bangsted to go as far as he can and remain as long as he can. He and Church will dig a cave in the snow and establish a meteorological station. Bangsted, who has had experience in remaining on the ice during the winter, volunteered to take charge of this difficult part of the work, and Prof. Church volunteered to accompany him. The station which they will set up about 200 miles inland will be the third in operation this winter, for data will be collected at Mt. Evans, and at Holsteinborg by a Danish official whom Hobbs pays $100 a year to read instruments there.

Hobbs and Belknap left Camp Lloyd on Sept. 12, reaching Copenhagen on Oct. 10. Hobbs delivered lectures in Gothenburg, Hamburg, Cambridge, London, and Glasgow before sailing from Southampton on Nov. 1.

HERE TO STUDY "BIG BILL" ACTS



Henry Wyckham Steed.

British journalist, who is now in the United States, plans to study Mayor Thompson's anti-British campaigning which is now drawing so much attention to Chicago.

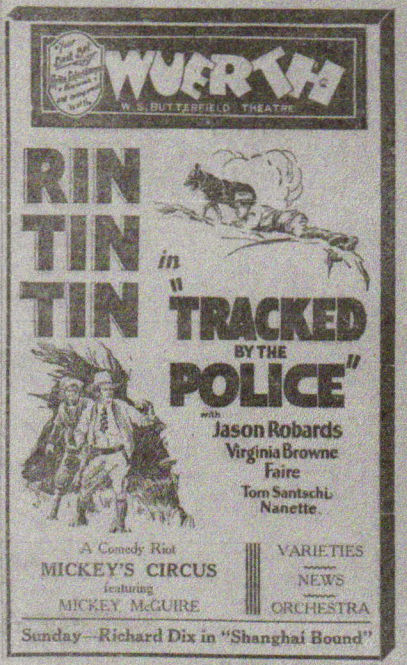
NEW YORK.—Graduate courses in art, music, and drama have been added to the curriculum of the flaming University which leaves New York, Oct. 6, 1928.

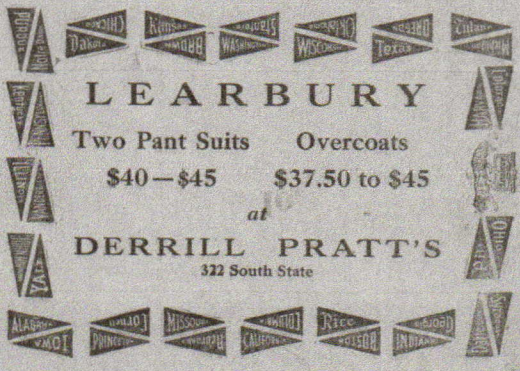
Dean Of Forestry Questions Statement That Timber Shortage Is Not Possible

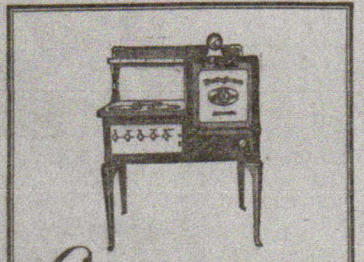
Questioning widely published statements by the National Lumber Manufacturer's Association implying that there is no danger of a timber shortage and that extensive forests as a whole are continuing to grow timber, Col. W. B. Greeley, chief of the Forest Service of the United States, has addressed an open letter to the association calling attention to the danger of creating public misconception as to the gravity of the forest situation.

"The Forest Service proper goes out of advertisements in national journals in furtherance of a nation-wide lumber trade extension campaign.

When questioned about the protest, Dean Samuel T. Dana of the School of Forestry and Conservation agreed fully with Col. Greeley in that there is danger of the present timber supply being exhausted. The advertisement, which has been issued in the form of pamphlets is entirely wrong in its statement that there is neither shortage, Dean Dana said. "The idea of the lumber manufacturers to popularize the use of wood is a good one," he said, "but the manufacturers have no reason to say that all the timber possible should be used. There must be conservation or eventually there will be no forests at all."







SUNDAY CHURCH SERVICES

FIRST METHODIST CHURCH

Corner State and Washington Sts.
Arthur W. Stalker, D.D., Minister
Farley C. Bingham, Assistant Minister and Student Director

10:30—"The Mind and Religion."

12:00—Student Bible Class led by Ralph Johnson.

6:00—Lawrence H. Conrad of the Rhetoric Dept. will speak on "Truth and Poetry."

7:00—County Brotherhood Meeting. Dr. M. S. Pittman will speak.

FIRST BAPTIST CHURCH

R. Edward Sayles, Minister
Rev. Howard Chapman, Minister for Students.

10:45—Mr. Sayles will preach. Subject, "Autonomous Conscience, 4th sermon in special series)

12:00—Church Bible School.

12:00—Student's Guild Bible Class. Concluding study on racial relations and Jesus' Teaching.

5:30—The friendship hour at Guild House.

6:30—SPECIAL: Students will meet in Church Parlors. Members of Church will present the challenge of the Church to youth.

PRESBYTERIAN CHURCH

Corner Huron and Division
Merle H. Anderson, Minister
Dale H. Moore, Associate.
Mrs. Nelle B. Caldwell Secretary for Women.

9:30—Church School. Student Class led by Prof. Bunning.

10:45—Morning Worship. Sermon on "The Personal Equation in Religion."

12:00—Student Class led by Prof. Howard McClusky.

5:30—Social Hour and Supper.

6:30—Young People's Society. Prof. Howard McClusky, Leader.

CONGREGATIONAL CHURCH

Dr. Carl S. Patton, Minister.

9:30—Sunday School.

10:45—Morning Worship. Dr. Fred Eastman "One Source of Courage."

5:30—Student Fellowship Supper. Prof. Thomas Reed, Speaker.

THE UNITARIAN CHURCH

State and Huron Streets

Sidney S. Robins, Minister

November 13, 1927

10:45 a. m.—Morning Service. "The Crying Need of Mousteries."

5:45 p. m.—Candlelight Supper.

6:45 p. m.—Professor John H. Muyskens. "Modern Realism"

FIRST CHURCH OF CHRIST, SCIENTIST

409 South Division Street

10:30 a.m.—Regular Morning Service. Subject, Mortals and Immortals.

11:45 a.m.—Sunday School following the morning service.

7:45 p.m.—Wednesday evening testimonial meeting.

The Reading Room, 10 and 11 State having Sears Building is open daily from 12 to 5 o'clock, except Sundays and legal Holidays.

BETHLEHEM EVANGELICAL CHURCH

(Evangelical Synod of N. A.)

Fourth Ave., between Packard and Williams

G. A. Newmann, Minister

9:00 a. m.—Sunday School.

10:00 a. m.—Morning Worship. Sermon topic: "The Virtue of Gratitude."

11:00 a. m.—German Service.

6:30 p. m.—Young People's Hour.

ST. ANDREW'S (EPISCOPAL) CHURCH

Division and Catherine Streets
Rev. Henry Lewis, Rector
Thomas L. Harris, Assistant

Twenty-Second Sunday After Trinity, November 13, 1927

8:00 a. m.—Holy Communion (the Church).

9:30 a. m.—Holy Communion (Harris Hall).

11:00 a. m.—Morning Prayer and Sermon by the Rt. Rev. John N. McCormick, D. D., Bishop of Western Michigan.

6:15 p. m.—Student Supper, Discussion.

HILLEL FOUNDATION

615 E. University Dial 9729

Sunday, Nov. 12, 1927
At Lane Hall

11:00 a. m.—Regular Services. Rabbi Philo, of Youngstown, Ohio.

5:30-10:00—Open House. Music. All are welcome.

ZION LUTHERAN CHURCH

Washington St. and Fifth Ave.

9:00 a. m.—Bible Study.

10:30 a. m.—Reformation Services. "Jesus Pastoral Work"

5:30 p. m.—Student Supper.

6:30 p. m.—Student Forum, conducted by Dr. R. C. Galladay.

7:30 p. m.—Evening Reformation Services under the Auspices of the Student Club.

Dr. R. C. Galladay will speak.

CHURCH OF CHRIST DISCIPLES

Corner Hill and Tappan

Rev. Frederick Cowin

10:30—Morning worship.

11:45—Bible school. Students' class taught by "Father" Jass.

6:30-7:30—Students' social hour, lunch and Forum.

ST. PAUL'S LUTHERAN CHURCH

(Missouri Synod)
Third and West Huron Streets
C. A. Bruner, Pastor
Parsonage: 420 West Liberty.

November 13.

9:00 a. m.—German service.

10:30 a. m.—Preparatory

11:00 a. m.—English "The Christian and His Money."

6:00 p. m.—Students lunch at the parsonage.

6:30 p. m.—Rev. W. Puch, of Ft. Wayne, Ind., will be the speaker.

Detroit Theaters

CASS THEATRE
Third and Last Week!
Starting Sunday, November 6
GENE BUCK'S
Newest, Fastest, Funniest Show
"TAKE THE AIR"
Prices: Evenings, $1 to $2.50
Popular Wed. and Sat. Matinees

Woodward at Elm
BONSTELLE PLAYHOUSE
Second and Last WEEK
Beginning Mon., Nov. 7
NIGHTS, 8:30. Mats. Tues., Thurs., Sat., Sun., 2:30.
Myron C. Fagan's Greatest Comedy
The Little Spitfire

GARRICK
ONE WEEK ONLY
Beginning Sunday, Nov. 6
GILBERT MILLER Presents
Holbrook Blin
in THE PLAY'S THE THING
Prices: Nights, 75c to $2.00
Wed.-Sat. Mat., 50c to $2.00