

## BEAVERS LOSE TO LOWELL CAGERS IN CLOSE GAME, 37-35

Loss of Motter and Johnson in Last Few Minutes Is Deciding Point

### LARGE CROWD ATTENDS

In a last minute spurt, Lowell Textile took the basketball game from the Technology five after the latter had led most of the game. The final score was 37-35 in the Saturday night encounter.

Throughout the entire game the score was either tied or the Engineers were on top except for the last three minutes in which Lowell scored three times from the floor on one-handed or sensational shots to take the lead. After the winners had counted a few seconds after the opening whistle, the Beavers came back to tie the score and then go into the lead on foul shots by Motter and Feustel. Lowell again tied the score on a field goal but M. I. T. retaliated with three field and two foul goals in rapid succession and made the game look as if it were going to be all their way. However, the score was knotted again just as quickly as it was unknotted by four floor counters, Jarek and Kapala of Textile doing the scoring. After this it was nip and tuck until the end of the half, which ended in a 20-20 deadlock.

#### Close Guarding

After the intermission, close guarding featured with neither team showing much scoring punch for almost half the period. The Beavers held a 29-23 advantage with about six minutes of the game left. It was then that Lowell got the breaks. Motter committed his fourth personal foul, and had to retire from the game. Johnson was sent in to center, Coffey having taken his place earlier at guard. No sooner than he got into the game, when, during a scramble under the basket, he hurt his leg and had to be taken out. Castleman, a second-string forward, was sent into center, but due to the difference in height between him and Kapala, the Lowell center, the ball was in the hands of the latter team for most of the remainder of the game. The score at this time was 31-29 still in favor of Technology, with about three minutes to play. After Sysko had counted once on a foul, Savard, Jarek, and Kapala of Textile sank shots from the floor to put their five out in lead for the first time since the first basket scored in the game. This advantage they maintained until the final whistle, which ended in a 37-35 score.

Feustel and Jarek were the leading point makers for their teams, the former having six field and five foul goals for a seventeen point total and the latter, seven field goals for fourteen points. Kapala and Kokoska of Lowell were next in order with eight points apiece, and Harrison and Coffey each scored six. The game was featured by the sensational one handed shots by Jarek, and by the ability of the Engineers to sink their foul shots, whereas Lowell could not. Each five had about an equal number of personals called against them, but M. I. T. made eleven of them good to Textile's three.

Neither team had a decided edge over the other on either offense or defense, but the end was a heart-breaker for both the Technology team and fans, who numbered close to two hundred. The loss of Motter and Johnson at the critical point in the game seemed as if it were the deciding factor, but the contest was so evenly matched that Lowell was entitled to the victory just as much as Technology would have been.

Brown will be the next opponent for the Engineer five, which travels to Providence tomorrow night for the game. Brown so far this season has been quite successful, having defeated Northeastern U. and Boston University. Last year in the meeting between the two teams, the Beavers came out ahead by the score of 33-24. With the probable loss of Johnson, the team will be weakened for this season's game between the two, but it should turn out to be a close match, with men of ability such as Coffey and Stockwell as replacements.

#### Summary of the Lowell game:

Lowell Textile Institute			
	F.G.	F.L.G.	Pts.
Savard, r.f.	2	1	5
Jarek, l.f.	7	0	14
Kapala, c.	4	0	8
Kokoska, r.g.	4	0	8
Quigley (Capt.), l.g.	0	2	2
Totals	17	3	37
Massachusetts Institute of Technology			
	F.G.	F.L.G.	Pts.
Coffey, l.g.	3	0	6
Johnson, l.g., c.	0	1	1
Sysko, r.g.	0	1	1
Stockwell, r.g.	0	0	0
Motter, c.	1	1	3
Castleman, c.	0	1	1
Feustel, l.f.	6	1	17
Harrison (Capt.), r.f.	2	2	6
Totals	12	11	35

## Steamshovel Unearths Many Buried Treasures

Strange things are being revealed by the steam shovel working on the excavation for the new Physics-Chemistry building. Ashes, tin cans, bricks and masonry, and rumor has it that several sets of false teeth have seen the light of day by the hand of the operator of the shovel.

More interesting to spectators, however, was the lovely odor of former river mud, a layer of which lies underneath the made land on which the Institute stands. The interest of the spectators, it should be explained, lies in excluding the fumes of the mud from their nostrils.

## YALE WRESTLERS DEFEAT BEAVERS DECISIVELY, 24-8

Take Six of Eight Matches on Varsity Card; Win By Time Advantages

### FRESHMEN DOWNED 28-4

Yale wrestlers took the Beavers over in a meet in New Haven, last Saturday afternoon, with a score of 24-8. The only man from the Institute who counted an out and out fall against his opponent, was Mostafa, the 155-pound ace in Coach Ricks' deck. Louis Vassalotti, of the 165-pounders won his match by the advantage he held over Brodie, of Yale, in the time limit, all of the matches being eight minutes in length. The rest of the Varsity bouts were contributors to the general feeling of depression which shrouded the team on its trip home.

Four out of the six matches in which the Engineer matmen were beaten were won by the opponents on time advantages, and in the freshman bouts, only one of the Beavers was defeated on time, which seems to prove further, the sad conclusion that there is not enough time for the man to keep in good condition, outside of that used in classes and studying. The freshmen coming straight from high and preparatory schools, seem to be in better shape comparatively than the upperclassmen.

#### Isbister Wins 145-Pound

The only victory for the frosh goes to the credit of Eric Isbister, the 145-pounder from Manhattan, who has won consistently all the way through, and who was the winner of his class in the All-Tech Tournament. Ripin, of the Varsity was expected to take his man for a rough ride, and succeeded but not well enough to keep from being tied out finally, and held for a time advantage. The reports on the 145-pound tilt do not show the time of the match, or the way in which Pittblado was defeated, the account giving only that the referee's decision was against him.

#### Heavy Matmen Needed

The Beavers are weakest in the heavyweight classes, and every encounter seems to show this. The men have not enough competition in the practice sessions to get them into the shape required to beat the teams which have eight or ten men constantly working with each other for the chance to represent their school in their particular class.

#### Varsity Results

118-pound class—Bigwood, Yale, defeated Ripin, Technology, time advantage, 1:43.  
126-pound class—Copper, Yale, defeated Pierson, time advantage, 8:06.  
135-pound class—Florsheim, Yale, threw Shea with a half nelson and scissors, time 1:21.  
145-pound class—Gleason, Yale, defeated Pittblado, referee's decision; no time given.  
155-pound class—Mostafa, Technology, threw King, Yale, half nelson, time, 6:41.  
165-pound class—Vassalotti, Technology, defeated Brodie; time advantage, 8:25.  
175-pound class—Munson, Yale, threw Snape, scissors hold, time 3:47.  
Unlimited class—Rotan, Yale, threw Koller, half nelson, time, 4:15.

## LESHER WILL SPEAK ON TRANSPORTATION

Mr. Robert A. Leshner '14, Consulting Engineer, will give an illustrated lecture under the auspices of the Civil Engineering Department on "Transportation in New York City" in Room 1-190 tomorrow at 3:00 o'clock.

Mr. Leshner was formerly Traffic Engineer with the New York Port Authority and has investigated traffic conditions in New York City for the Interstate Commerce Commission. He is widely known as a leading authority on valuation of railroad properties, marine service and is at present engaged in consulting work in New York. The lecture will be open to students and members of the instructing staff and all interested are invited to attend.

## DR. ELWOOD MEAD ADDRESSES LARGE AUDIENCE FRIDAY

Second Aldred Address of the Year Is Illustrated By Many Slides

### COLORED PHOTOS SHOWN

(Continued from Page One)

highest dam in the world. The All American Canal, which will carry the stored water to irrigators in Imperial Valley will be 200 feet wide, 22 feet deep, and carry 15,000 cubic feet of water per second. This canal has to pass through a windswept ridge of shifting sand where the excavation will be more than 200 feet deep. The aqueduct that is to carry water to Los Angeles and surrounding cities will be over 200 miles long, and will carry 1500 cubic feet of water per second which will have to be lifted 1200 feet in order to cross the Sierra Divide. It will cost over \$200,000,000.

#### Lake Formed by Dam

"The lake above the dam will be 115 miles long, 582 feet deep and will hold 30,500,000 acre feet of water, enough to cover the State of New York to the depth of one foot. It will be the largest artificial reservoir in the world, more than 11 times the capacity of the Elephant Butte Reservoir in New Mexico and 12 times that of Assuan in Egypt.

"These structures are given heroic proportions because a turbulent river has to be controlled and because the water needs of the Southwest are great and urgent. The reservoir must be large enough to hold the greatest flood. The flow below the dam must be regulated. No floods to break the levees and menace the homes, but always water enough to irrigate two million acres of land and meet the requirement of many millions in cities. This dam is the basis of a civilization under which unnumbered generations will live. With it there is no known limit to growth and wealth, without it people must be notified to go elsewhere.

#### Mud Inflow

"Into this reservoir there will be dropped each year 100,000 acre feet of mud. It has been made large enough to hold this deposit for two centuries without interference with its capacity as a regulator.

"It is an enterprise which carries a challenge to the engineer no matter where he lives. The specifications just issued have therefore been awaited with intense interest by both the profession and by contractors. The manner in which they deal with the obstacles of climate, of location, of size and stresses, were an acid test of the ability of the Reclamation Bureau to carry out monumental undertakings in its field. One verdict has been rendered. It is a statement in the Engineering News Record of December 25, which says: 'It is the most advanced, the boldest and most thoroughly studied hydraulic enterprise in engineering history.' Let me quote further from the News editorial: 'With five million cubic yards of concrete, 30,000 tons of structural steel and over 70 miles of grouting holes, with rock tunnels ranging from 50 to 70 feet in diameter, and 2000 tons of needle valves, the structure that is to be set in the path of the turbulent Colorado in a sheer walled narrow gorge at the bottom of an inaccessible desert canyon in the remotest region of the United States constitutes a work ranking with the greatest ever attempted by human hands.' The designing engineer is John L. Savage, known to his associates as Jack Savage. He has in succession designed the four highest dams in the world; Hoover Dam is simply another step in his progress.

#### Width of Outlet

"The canyon walls at the water level of the river are only 300 feet apart. The velocity of the river's flow through this bottle-neck is about 20 feet a second. The upper cofferdam which turns the river into the tunnels will be 80 feet high, and when the river is diverted seven million cubic yards of mud and gravel will have to be taken out of the space between the two cofferdams to uncover the rock on which the dam will rest.

"This project, like Panama, has a climate. The summer wind which sweeps over the gorge from the desert feels like a blast from a furnace. How to overcome this and provide for the health of workers has had much attention. At the rim of the gorge where much of the work must be done there is neither soil, grass, nor trees. The sun beats down on a broken surface of lava rocks. At midday they cannot be touched with the naked hand. It is bad enough as a place for men at work. It is no place for a boarding house or a sleeping porch. Comfortable living conditions had to be found elsewhere, and these are found

(Continued on Page Four)

## Collegiate Tendencies Appear At Institute

Collegiate! O, horrible word, detested by all true Technology men! And yet, youths best described by this word have made their appearance about the Institute halls. One freshman appeared in a somewhat startling woolly coat of a light cream color, with a baby-blue band around its middle.

However, the climax was pretty nearly capped when another frosh appeared in another woolly coat, but this one was of solid color, of that hue described by those who follow the hounds as pink. Pink! That thing was so red that one could sense its approach. And this isn't hell week, either. Horrible Degeneracy of the Modern Youth!

## Beaver Swimmers Drop First Meet Of Season 45-23

Lutz Stars as Winner of Two Dashes—Both Relay Teams Are Defeated

By dint of the hard work of Captain Lutz, and one or two other teammates, the Institute's swimming team was saved from a blanket defeat at the hands of Amherst last Saturday the final score being 45-23, in favor of Amherst. The first event was the 300-yard medley relay, which ran off in rather fast time, with M. I. T. following at every turn, to let Amherst accumulate an impregnable lead for the anchor man, Thompson, to overcome.

#### Lutz Wins 50 and 100

In the dashes, Captain Lutz came out on top, a clear victor in both the 50-yard, and the 100-yard races, to give Technology a heartening shove forward. Henning, who hasn't been doing much lately, came forward with a third in the 440-swim, and John Lynch just nosed out Heber of Amherst for the second place in diving. The Amherst team was made up of veterans of many seasons, and had the advantage of the home pool, a feature greatly contributing to the defeat of the Engineers. When a man would reach the end of the pool, and try to turn, a wave would sweep him out beyond reach of the edge, and several strokes would be lost. The waves caused trouble among the divers, also, and it wasn't until toward the end of the meet that the Beavers got the tricks of the pool, and began to do a little better.

#### The summary follows:

300-yard medley relay—Won by Amherst (Strohmeier, Myron, Beaudry); second, M. I. T. (Levinson, Holst, Thompson). Time, 3 min. 34 2-5 sec.  
50-yard dash—Won by Lutz (M. I. T.); second, Allen (A.); third, Fauver (A.). Time, 26 4-5 sec.  
100-yard swim—Won by Strohmeier (A.) and Bixler (A.) tied for first; third, Henning (M. I. T.). Time, 6 min. 19 sec.  
Diving—Won by Myron (A.), 67.5; second, Lynch (M. I. T.), 61.1; third, Heber (A.), 60.  
150-yard backstroke—Won by Levinson (M. I. T.); second, Nash (A.); third, Knox (A.). Time, 2 min. 8 2-5 sec.  
100-yard dash—Won by Lutz (M. I. T.); second, Allen (A.); third, Beaudry (A.). Time, 1 min. 4-5 sec.  
200-yard breaststroke—Won by Myron (A.); second, Holst (M. I. T.); third, Turner (M. I. T.). Time, 2 min. 58 1-5 sec.  
Four-man relay—Won by Amherst (Fauver, Bixler, Beaudry, Allen); second, M. I. T. (Baker, Teague, Thompson, Luther). Time, 1 min. 45 1-5 sec.

## Yearling Hockey Team Drops Close Game To Andover

Only Counter of Game Rung Up By Andover Captain in First Period

In a fast close hockey game the Engineer frosh hockey team was forced to bow to the Andover Academy sextet Saturday evening at Andover by a score of 1 to 0. The only tally of the game was rung up midway through the first period by "Heine" Gardner, Captain of the Andover team, when he made a solo dash the length of the rink and from 25 yards out drove a scorching shot past Hatch, the M. I. T. goalie for the deciding point of the game.

The ice was in excellent condition but effective team play by both sides was lacking. Individual stars were the order of the night with Gardner of Andover standing out above the rest.

#### The lineup and summary:

Andover M. I. T. Frosh  
O'Neil, Wheeler, Foreman, r.w.  
Cook, Fawcett, l.w.  
r.w., Williams, Johnson  
Howard, Badger, c. c., Silverman  
Wheeler, Foreman, r.d. l.d., Holmes  
Gardner, l.d. r.d., Schulz  
Sumner, c. g., Hatch, Kimball  
Score—Andover 1, M. I. T. frosh 0.  
Goal, Gardner 5 min. 30 sec. in first period. Referees, Paradise and Wheeler. Time, 12 minute periods.

## FROSH COP FOUR FIRST PLACES IN SATURDAY'S MEET

Hall Wins One First Place and Two Seconds to Be High Scorer of Meet

### MANN BESTS ALLBRIGHT

By winning the two lap race and placing second in both the fifty yard dash and broadjump Charlie Hill '34 proved to be the high scorer in the handicap meet held Saturday afternoon on the board track. Incidentally every event except the broad jump was won by a freshman. Five events were held with the two lap race so popular that three heats were run off before the final heat. Three heats were also necessary in the 50 yard dash and two in the five lap race.

#### Hall and Jewett Win

One of the best races of the day was the first heat of the five lap race in which Hall with a handicap of 10 yards nosed out MacKay for first honors in fast time. Jewett, running from scratch in the second heat of this event also turned in an excellent performance in winning his race in spite of generous handicaps conceded to his opponents.

One of the features of the meet was the running of Holladay in the dash which he won in the fast time of 5 4-5 sec. In the nine lap race Mann the freshman cross country star, nosed out Herb Allbright in the closest finish of the day. He was given a handicap of 45 yards and was just able to withstand Allbright's last minute drive, beating him by about a yard.

Kinraide continued his good work in the broad jump winning this event from scratch after giving his competitors handicaps up to two feet.

#### The summary:

50 Yard Dash—First heat, won by Cummings, scratch; Ross, one foot, second; Timmerman, three feet, third. Time, 5 4-5. Second heat, won by Holladay, two feet; Kinraide, scratch, second; Timmerman, three feet, third. Time, 5 4-5.  
Third heat, won by Hill, two feet; Allen, scratch, second; Lapping, one foot, third. Time, 5 4-5. Final, won by Holladay, two feet; Hill, two feet, second; Kinraide, scratch, third; Allen, scratch, fourth; Cummings, scratch, fifth. Time, 5 1-5.  
Five-Lap Races—Race No. 1, won by Hall, 10 yards; MacKay, scratch, second; Barrett, 20 yards, third; Hopkins, 15 yards, fourth; Glynn, 20 yards, fifth. Time, 1 min. 38 1-5.  
Race No. 2—Won by Jewett, scratch; Wood, 15 yards, and Buresch, 15 yards, tied for second; Daleida, 40 yards, fourth; Fay, 35 yards, fifth. Time, 1 min. 40 2-5.  
Two-Lap Races—First heat, won by Schwartz, three yards; Lynch, scratch, second; Mulliken, scratch, third. Time, 21 2-5. Second heat, won by Hill, three yards; Huff, three yards, second; Timmerman, five yards, third. Time, 35 1-5. Third heat, won by Wrigley, three yards; Cummings, scratch, second; Sousa, two yards, third. Time, 34 4-5. Final, won by Hill, three yards; Lynch, scratch, second; Schwartz, three yards, third; Mulliken, scratch, fourth; Wrigley, three yards, fifth. Time, 34.  
Nine-Lap Race—Won by Mann, 45 yards; Allbright, scratch, second; Bell, 60 yards, third; Smith, 45 yards, fourth; Malone, 70 yards, fifth. Time, 3 min. 16.  
Broad Jump—Won by Kinraide, scratch; Hill, two feet, and Phillips, two feet, third. Distance, 19 1, 17 6.

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