Balloons Released in St. Louis for Meteorology Study

The one balloon attains a height of 65,000 feet; found to have traveled 1,500 miles.

The one balloon is part of a series of tests conducted by meteorologists of the U.S. Weather Bureau. The purpose of the tests is to study the behavior of high-altitude balloons and their potential for scientific research.

Dramashop Announces Membership Policy

Members only will be eligible for management and cast positions. This policy was announced to ensure that the quality of productions is maintained.

Chemical Society To Hear Talk On Colored Pictures

Dr. J. A. Seavers, '94, will speak at a meeting of the chemical society on colored pictures.

Fascism Becomes Fizzle

Despite rumors of a boycott in the United States, fascism is losing its popularity and is becoming less significant.

Blonde Hair Preferred In Construction of Delicate Meteorological Instruments

The institute for the study of meteorology is seeking individuals with a preference for blonde hair for their delicate meteorological instruments.

Military Science He SAYS, To Result Disastrously To Rising Generation

Mr. Thomas, Socialist leader, talks about the effects of rising generation on military science.

System Must Provide For Able Key Men

The system must provide for able key men in various fields of study.

Bicycle Industries Will Sponsor Show Starting Tomorrow

The bicycle industries are sponsoring a show to promote the use of bicycles.

Magnificence and Popularity of Exhibition To Rival Auto Shows

The exhibition promises to rival auto shows in terms of magnificence and popularity.

Who Are You With?

A question of social standing.

Military Science, Talks Economics Before Engineers

Mr. Seaverns, socialist leader, talks about economics before engineers.

The web is a social act, Allen T. Hunter, '90, a student at the institute, observes.

The weather is a social act, Allen T. Hunter, '90, a student at the institute, observes.

Technology Co-Ed Will Participate In Debate, Federal Armaments Monopoly

P. W. Stevens, '97, a student at the institute, is participating in a debate on federal armaments.

The writer noticed a unique feature of the latest technology.

THOMAS, SOCIALIST TALKS ECONOMICS BEFORE ENGINEERS

Mr. Thomas, socialist leader, talks about economics before engineers.

THOMAS, SOCIALIST TALKS ECONOMICS BEFORE ENGINEERS

Mr. Thomas, socialist leader, talks about economics before engineers.

Published by the students of the Massachusetts Institute of Technology

Established in 1881

Volume LIV. No. 51

CAMBRIDGE, Mass., TUESDAY, DECEMBER 11, 1934

Price Three Cents
C. R. Kahn, '37 A. A. Woll, '37
R. E. Katz, '37 E. C. Wirtz, '37
R. S. Childs, '37 R. G. Vincens, '37

Arthur A. Carota, '36 Charles J. Rife, '36
Robert F. Driscoll, '36 James F. Notman, '35
Elwood H. Koontz, '36 Benjamin B. Dayton, '36
August V. Mackro, '36 Richard L. Odiorne, '36
Anton E. Hittl, '38 Ralph D. Morrison, Jr., '87

W. T. Blake, '37 J. A. Smedile, '37

MASSACHUSETTS INSTITUTE OF TECHNOLOGY

NEWS AND EDITORIAL ROOM 3, WALKER MEMORIAL, CAMBRIDGE, MASS.

the frogs, disgusted with the apathy of their world still licking the sores of one war re-arms for another, and the necessity to go on, without loss of efficiency, has, and always will have, over steel in the versatility of gas attacks, inasmuch as the enemy, will make their use in the future the enemy, will make their use in the future. Yet, the enemy's armament of skilled men to be found in wave attacks is not inferred in attacks by shell, which provide in their versatile spread of gases, or liquids the most dreaded element of warfare—a surprise attack from a direction unsuspected by the enemy. The use of gas in trench warfare made it particularly effective because of its ability to penetrate distances where steel would have been useless. Whether future research is justified by means of the same methods as those used in the past is uncertain, but not even speculation can remove the great advantage which gas has, and always will have, over steel in wave attacks. Nevertheless, there cannot be, and there need not be, untold loss of freedom of movement to the soldier, will gas warfare have its superiority to a war-fighting of flying steel.

A REJUVENATED ACTIVITY

T he action of the debating society in arranging a varsity debate with Middlebury is a significant and important activity in future plans. For the first time in nearly ten years the Institute will have the opportunity of entering the regular debates this week-end. The Dormitory Com- mittee of the debate team, in charge of accommodations, will be invited to attend the Christmas Party "Housekeeping" Dance in Walker Me- morial on Tuesday evening.

Just how much new undergraduates should speak at the debate is a long and much-discussed question in Inslute Life. That they should take every opportunity to broaden their comprehension of the rapidly changing world has been the general and rather proper answer to this question.
Foreign Student Registration High

43 Countries Send Their Representatives, Recent Analysis Reveals

Forty-three countries including Brazil, Venezuela, and the Fiji Islands, are represented at present by the largest number of foreign students. This is indicated by the most recent analysis of foreign registered students by George A. Costner, ’97, registrar of the college. T. G. A.

This year’s foreign population is increased with that of last year, showing that the number of foreign students has increased from 140 in 1934, and that four more countries are represented this year, as well as last. Mr. William Jackson assisted in compiling the recent figures.

A list showing the distribution of these students follows:

<table>
<thead>
<tr>
<th>Country</th>
<th>1934-35</th>
<th>1933-34</th>
</tr>
</thead>
<tbody>
<tr>
<td>Argentina</td>
<td>8</td>
<td>8</td>
</tr>
<tr>
<td>Austria</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Belgium</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Brazil</td>
<td>2</td>
<td>1</td>
</tr>
<tr>
<td>Egypt</td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td>Finland</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>France</td>
<td>8</td>
<td>8</td>
</tr>
<tr>
<td>Germany</td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td>Greece</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>India</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Italy</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Japan</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Latvia</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Lithuania</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Mexico</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Netherlands</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Norway</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Poland</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Portugal</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Pretoria</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Russia</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>South Africa</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Spain</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Sweden</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Switzerland</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Turkey</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Venezuela</td>
<td>1</td>
<td>1</td>
</tr>
</tbody>
</table>

The Lounger

(Continued from Page 2)

When it suits its laws, the government of the U.S. sends to those who "infest" the noble official of "all people" a first-class "opportunity" to get caught.

Electrotyping

We have got to hand it to those students who post the notices demanding that the brothers of the fraternity should be "kicked out" of the college. This is absolutely justifiable, and should be followed by the others. We don’t think the Institute is doing any harm.

The Committee will resort to posting their demands at all possible places in the college for the benefit of the students if we actually read the magazine illustrations of their use in typical applications.

As to their employers, to themselves all over this country, we are sure that (the "t" pronounced hard) unless they take this column in the news office when they are in the Princeton campus. The point of this would be... some-thing of a life long experience. It is the only way to get the best possible results.

The Flats are known to call on the hangman, man, speak like a gentleman. We have got to hand it to those students to find the type of wrapping packages for the Post Office is well on the way to getting the latest modes for theirinsekt and common-sense.

For those who are interested in the latest modes for theirinsekt and common-sense, the "t" pronounced hard..

Many comments on this invisible seamline industries from coast to coast. Here are some of the latest:

"The flashy metal of Michigan, 1934 "

"The Covered Kover-Zipper..."

"The new covered zipper because the metal is hidden."

"The flashy metal of Michigan, 1934 "

"The Covered Kover-Zipper..."

"The new covered zipper because the metal is hidden."

"The flashy metal of Michigan, 1934 "

"The Covered Kover-Zipper..."

"The new covered zipper because the metal is hidden."

"The flashy metal of Michigan, 1934 "

"The Covered Kover-Zipper..."

"The new covered zipper because the metal is hidden."

"The flashy metal of Michigan, 1934 "

"The Covered Kover-Zipper..."

"The new covered zipper because the metal is hidden."

"The flashy metal of Michigan, 1934 "

"The Covered Kover-Zipper..."

"The new covered zipper because the metal is hidden."

"The flashy metal of Michigan, 1934 "

"The Covered Kover-Zipper..."

"The new covered zipper because the metal is hidden."

"The flashy metal of Michigan, 1934 "

"The Covered Kover-Zipper..."

"The new covered zipper because the metal is hidden."

"The flashy metal of Michigan, 1934 "

"The Covered Kover-Zipper..."

"The new covered zipper because the metal is hidden."

"The flashy metal of Michigan, 1934 "

"The Covered Kover-Zipper..."

"The new covered zipper because the metal is hidden."

"The flashy metal of Michigan, 1934 "

"The Covered Kover-Zipper..."

"The new covered zipper because the metal is hidden."

"The flashy metal of Michigan, 1934 "

"The Covered Kover-Zipper..."

"The new covered zipper because the metal is hidden."

"The flashy metal of Michigan, 1934 "

"The Covered Kover-Zipper..."

"The new covered zipper because the metal is hidden."

"The flashy metal of Michigan, 1934 "

"The Covered Kover-Zipper..."

"The new covered zipper because the metal is hidden."

"The flashy metal of Michigan, 1934 "

"The Covered Kover-Zipper..."

"The new covered zipper because the metal is hidden."

"The flashy metal of Michigan, 1934 "

"The Covered Kover-Zipper..."

"The new covered zipper because the metal is hidden."

"The flashy metal of Michigan, 1934 "

"The Covered Kover-Zipper..."

"The new covered zipper because the metal is hidden."

"The flashy metal of Michigan, 1934 "

"The Covered Kover-Zipper..."

"The new covered zipper because the metal is hidden."

"The flashy metal of Michigan, 1934 "

"The Covered Kover-Zipper..."

"The new covered zipper because the metal is hidden."

"The flashy metal of Michigan, 1934 "

"The Covered Kover-Zipper..."

"The new covered zipper because the metal is hidden."

"The flashy metal of Michigan, 1934 "

"The Covered Kover-Zipper..."

"The new covered zipper because the metal is hidden."

"The flashy metal of Michigan, 1934 "

"The Covered Kover-Zipper..."

"The new covered zipper because the metal is hidden."

"The flashy metal of Michigan, 1934 "

"The Covered Kover-Zipper..."

"The new covered zipper because the metal is hidden."

"The flashy metal of Michigan, 1934 "

"The Covered Kover-Zipper..."

"The new covered zipper because the metal is hidden."

"The flashy metal of Michigan, 1934 "

"The Covered Kover-Zipper..."

"The new covered zipper because the metal is hidden."

"The flashy metal of Michigan, 1934 "

"The Covered Kover-Zipper..."

"The new covered zipper because the metal is hidden."

"The flashy metal of Michigan, 1934 "

"The Covered Kover-Zipper..."

"The new covered zipper because the metal is hidden."

"The flashy metal of Michigan, 1934 "

"The Covered Kover-Zipper..."

"The new covered zipper because the metal is hidden.
Fresenius V.C. Meets Eastern Conference, Sets Date For Tournament

Kites flies high at 13½ points
For Team, Best Game of Year

Fresenius Win 51 Points

Scoring 13½ points individually, Leslie Riddle led the freshmen in victory in the first interclass meet held this season.

Defying the cold winds which swept across the outdoor track boards, the freshmen piled up a score of 43 points. Sophomores took second place with 27 points. Sophomores won 14½ points and Juniors 0.

Tim Blair was the best of the race as he won out Walter Pfeiffer, Eugene Cooper, and Albert Pfeiter in the two-lap race.

100 Yard—Won by Kenney Riddell, 2nd; Tatum, 3rd; Pfeiffer; 4th; Cooper; 5th; Ellsworth; 6th; Shuford; 7th; E. Williams. Time—11.1 sec.

220 Yard—Won by Kenney Riddell; 2nd; Tatum, 3rd; Pfeiffer, 4th; Cooper, 5th; Ellsworth, 6th; Shuford, 7th; Williams; 8th; H. Williams; 9th; J. Williams; 10th; Lowry; 11th; Chadwick; 12th; Robert Can- parre, 13th; Z. Williams, 14th; J. Williams.

440 Yard—Won by Kenney Riddell, 2nd; Tatum, 3rd; Pfeiffer; 4th; Cooper; 5th; Ellsworth; 6th; Shuford; 7th; Williams; 8th; H. Williams; 9th; J. Williams; 10th; Lowry; 11th; Chadwick; 12th; Robert Can- parre, 13th; Z. Williams, 14th; J. Williams.

880 Yard—Won by Kenney Riddell; 2nd; Tatum; 3rd; Pfeiffer; 4th; Cooper; 5th; Ellsworth; 6th; Shuford; 7th; Williams; 8th; H. Williams; 9th; J. Williams; 10th; Lowry; 11th; Chadwick; 12th; Robert Canparre, 13th; Z. Williams, 14th; J. Williams.

220 Yard Hurdles—Won by Kenney Riddell; 2nd; Tatum, 3rd; Pfeiffer, 4th; Cooper; 5th; Ellsworth; 6th; Shuford; 7th; Williams; 8th; H. Williams; 9th; J. Williams; 10th; Lowry; 11th; Chadwick; 12th; Robert Canparre, 13th; Z. Williams, 14th; J. Williams.

440 Yard Hurdles—Won by Kenney Riddell; 2nd; Tatum, 3rd; Pfeiffer, 4th; Cooper; 5th; Ellsworth; 6th; Shuford; 7th; Williams; 8th; H. Williams; 9th; J. Williams; 10th; Lowry; 11th; Chadwick; 12th; Robert Canparre, 13th; Z. Williams, 14th; J. Williams.

880 Yard Hurdles—Won by Kenney Riddell; 2nd; Tatum, 3rd; Pfeiffer; 4th; Cooper; 5th; Ellsworth; 6th; Shuford; 7th; Williams; 8th; H. Williams; 9th; J. Williams; 10th; Lowry; 11th; Chadwick; 12th; Robert Canparre, 13th; Z. Williams, 14th; J. Williams.

Hurdles—Won by Kenney Riddell; 2nd; Tatum, 3rd; Pfeiffer; 4th; Cooper; 5th; Ellsworth; 6th; Shuford; 7th; Williams; 8th; H. Williams; 9th; J. Williams; 10th; Lowry; 11th; Chadwick; 12th; Robert Canparre, 13th; Z. Williams, 14th; J. Williams.

Relays—Won by Kenney Riddell, 2nd; Tatum, 3rd; Pfeiffer, 4th; Cooper, 5th; Ellsworth; 6th; Shuford; 7th; Williams; 8th; H. Williams; 9th; J. Williams; 10th; Lowry; 11th; Chadwick; 12th; Robert Canparre, 13th; Z. Williams, 14th; J. Williams.

Sprints—Won by Kenney Riddell; 2nd; Tatum, 3rd; Pfeiffer, 4th; Cooper, 5th; Ellsworth; 6th; Shuford; 7th; Williams; 8th; H. Williams; 9th; J. Williams; 10th; Lowry; 11th; Chadwick; 12th; Robert Canparre, 13th; Z. Williams, 14th; J. Williams.

Points, Sophomores won 14½ points and Juniors 0.

Tom Blair was the best of the race as he won out Walter Pfeiffer, Eugene Cooper, and Albert Pfeiter in the two-lap race.

Points—Won by Kenney Riddell; 2nd; Tatum; 3rd; Pfeiffer; 4th; Cooper; 5th; Ellsworth; 6th; Shuford; 7th; Williams; 8th; H. Williams; 9th; J. Williams; 10th; Lowry; 11th; Chadwick; 12th; Robert Canparre, 13th; Z. Williams, 14th; J. Williams.

Fresenius Win 51 Points

Scoring 13½ points individually, Leslie Riddle led the freshmen in victory in the first interclass meet held this season.

Defying the cold winds which swept across the outdoor track boards, the freshmen piled up a score of 43 points. Sophomores took second place with 27 points. Sophomores won 14½ points and Juniors 0.

Tim Blair was the best of the race as he won out Walter Pfeiffer, Eugene Cooper, and Albert Pfeiter in the two-lap race.

100 Yard—Won by Kenney Riddell, 2nd; Tatum, 3rd; Pfeiffer; 4th; Cooper; 5th; Ellsworth; 6th; Shuford; 7th; E. Williams. Time—11.1 sec.

220 Yard—Won by Kenney Riddell; 2nd; Tatum, 3rd; Pfeiffer, 4th; Cooper, 5th; Ellsworth; 6th; Shuford; 7th; Williams; 8th; H. Williams; 9th; J. Williams; 10th; Lowry; 11th; Chadwick; 12th; Robert Canparre, 13th; Z. Williams, 14th; J. Williams.

440 Yard—Won by Kenney Riddell, 2nd; Tatum, 3rd; Pfeiffer; 4th; Cooper; 5th; Ellsworth; 6th; Shuford; 7th; Williams; 8th; H. Williams; 9th; J. Williams; 10th; Lowry; 11th; Chadwick; 12th; Robert Canparre, 13th; Z. Williams, 14th; J. Williams.

880 Yard—Won by Kenney Riddell; 2nd; Tatum; 3rd; Pfeiffer; 4th; Cooper; 5th; Ellsworth; 6th; Shuford; 7th; Williams; 8th; H. Williams; 9th; J. Williams; 10th; Lowry; 11th; Chadwick; 12th; Robert Canparre, 13th; Z. Williams, 14th; J. Williams.

220 Yard Hurdles—Won by Kenney Riddell; 2nd; Tatum, 3rd; Pfeiffer, 4th; Cooper; 5th; Ellsworth; 6th; Shuford; 7th; Williams; 8th; H. Williams; 9th; J. Williams; 10th; Lowry; 11th; Chadwick; 12th; Robert Canparre, 13th; Z. Williams, 14th; J. Williams.

440 Yard Hurdles—Won by Kenney Riddell; 2nd; Tatum, 3rd; Pfeiffer, 4th; Cooper; 5th; Ellsworth; 6th; Shuford; 7th; Williams; 8th; H. Williams; 9th; J. Williams; 10th; Lowry; 11th; Chadwick; 12th; Robert Canparre, 13th; Z. Williams, 14th; J. Williams.

880 Yard Hurdles—Won by Kenney Riddell; 2nd; Tatum, 3rd; Pfeiffer; 4th; Cooper; 5th; Ellsworth; 6th; Shuford; 7th; Williams; 8th; H. Williams; 9th; J. Williams; 10th; Lowry; 11th; Chadwick; 12th; Robert Canparre, 13th; Z. Williams, 14th; J. Williams.

Hurdles—Won by Kenney Riddell; 2nd; Tatum, 3rd; Pfeiffer; 4th; Cooper, 5th; Ellsworth; 6th; Shuford; 7th; Williams; 8th; H. Williams; 9th; J. Williams; 10th; Lowry; 11th; Chadwick; 12th; Robert Canparre, 13th; Z. Williams, 14th; J. Williams.

Sprints—Won by Kenney Riddell; 2nd; Tatum, 3rd; Pfeiffer, 4th; Cooper, 5th; Ellsworth; 6th; Shuford; 7th; Williams; 8th; H. Williams; 9th; J. Williams; 10th; Lowry; 11th; Chadwick; 12th; Robert Canparre, 13th; Z. Williams, 14th; J. Williams.
CO-EDGEWISE

Marriage or a career? Which would it be? 10, 1934.

A choice of marriage or a career is a decision that many women face. It was a topic of discussion among a gathering of women, with one woman stating that her choice was marriage and the other a career. The question was raised whether a woman should always prioritize marriage or always prioritize a career. The discussion became quite heated, with some women expressing the belief that marriage should always come first, while others believed that a career should always come first. The debate took place at a gathering of women, with a discussion leader asking, "And that seemed to settle that."

"But why can't you marry and work both?" asked one woman. "There was no reason why you couldn't have a career and a family." The discussion leader responded, "That's right, but it's a question of priorities." The discussion continued with passionate arguments for both sides. The debate was a reflection of the societal pressures women faced during that time, where the choice between marriage and career was significant and often challenging.
CALCULUS IN INTEGRAL CALCULUS WE CAN SAY THAT AN INTEGRAL IS THE REVERSE OF THE DERIVATIVE.