

Gresham walked and with two on base it looked like more scoring for the sophomores. Barker went out on a foul fly to McGrady. Smith filled the bases with a pass to Povah and then yanked himself in favor of Fitzgerald who pulled out of a tight hole by fanning Crowley.

Freshmen: Towle fanned. Gill popped to Delaney. Gresham threw out McGrady.

Fifth Inning

Sophomores: Conant walked and went to second on a passed ball. Fitzgerald got a great hand when he struck out Captain Ed O'Hearn who had got hits on his two previous trips to the plate. Kerrigan singled to left, advancing Conant to third. Kerrigan stole second. Fitzzy here tightened and fanned McDonald and Delaney.

Freshmen: Ramsey, who had gone to center field in place of Smith, fanned. Clarke went out, Gresham to Conant. Kerr struck out.


The score:

Sophomores		ab.	r.	lb.	po.	a.	e.
Povah, c.f.	l.f.	1	0	0	0	0	0
Crowley, 3b		3	1	1	0	0	1
Conant, lb.		2	1	1	3	0	0
O'Hearn, c.		3	1	2	9	0	0
Kerrigan, r.f.		3	1	2	0	0	0
McDonald, l.f.		3	0	1	1	0	0
Bachmann, c.f.		0	0	0	0	0	0
Delaney, 2b.		3	0	0	2	1	0
Gresham, p.		1	0	0	0	2	0
Barker, ss.		2	0	0	0	0	0
Total		21	4	7	15	3	1

Freshmen		ab.	r.	lb.	po.	a.	e.
Clarke, 3b.		3	0	0	0	1	0
Kerr, l.f.		3	0	0	0	0	0
Vreeland, lb.		0	0	0	3	0	1
Bray, lb.		0	0	0	0	0	0
Lashure, c.f.		1	0	0	0	0	0
Fitzgerald, c.f., p.		1	0	0	0	0	0
Subriana, r.f.		2	0	1	0	0	0
Meyer, r.f.		0	0	0	0	0	0
Miller, 2b.		0	0	0	0	0	0
Gill, s.s.		2	0	0	0	0	0
Miles, s.		0	0	0	0	0	0
McGrady, c.		1	1	0	9	2	0
Smith, p., c.f.		1	0	0	0	0	0
Ramsey, c.f.		1	0	0	0	0	0
Total		17	1	1	15	4	2

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Sophomore Relay Team



Back row: (Left to right) Adams (Mgr.), Nock, Newton, Scott, Bardes.
Middle row: Hamburger, Downey, Spitz, Junod.
Front row: Hyland, Bawden (Capt.), Evans.

Innings	1	2	3	4	5
Sophomores	0	0	0	4	0-1
Freshman	0	1	0	0	0-1

Two-base hits, O'Hearn, McDonald. Home run, Kerrigan. Hits, off Smith 6 in 3 2-3 innings; off Fitzgerald 1, in 1 1-3 innings. Stolen bases, Kerrigan, Kerr, McGrady. Left on bases, Sophomores, 6; Freshmen 4. First base on balls, off Gresham, 3; off Smith 3; off Fitzgerald 1. Struck out, by Gresham, 9; by Smith 4; by Fitzgerald 4. Passed balls, O'Hearn, McGrady. Umpires, Hallahan and Casey.

The championship boxing bouts, as finished yesterday afternoon, brought the following men to the front as winners in the various classes. Each of the winners was presented with a large silver loving cup.

The summary:
125-pound class won by A. Addicks '21 from H. G. Crowley '21 by a knock out in the first round.

135-pound class won by W. Corbett '21, amateur national champion in 125 pound class, from M. Paul '22 in three well-fought rounds.

145-pound class won by R. D. Rhodes '22 from W. Dobler '22. The fight was clearly Rhodes' from the start, but Dobler showed great spirit and gave him a great fight to the end.

The 185-pound class was held over owing to one of the men being disabled in last night's semi-finals. H. Rosenberg is expected to meet C. E. Brokaw '22 in the near future to contest for the cup.

Mr. J. W. Fitzpatrick, donor of the cups, and Mr. Kanaley were on the field and acted as judges. R. V. Jones, manager of the team, kept time. The cups were presented to the winners on the field by coach Boutillier, who acted as referee in the bouts.

E. E. SOCIETY SMOKER

(Continued from Page 1)

He showed how the cost of the company is not dependent alone upon the load, but is also a function of the overhead expenses and chiefly of a variable rental.

The greatest load comes between four and six o'clock in the afternoon in winter, and the station must be designed to tide over the heaviest load since no appreciable amount of electricity can be stored. It is the people who use light and power of this time of day who cause the greatest production expense, and it is, therefore, they who should pay the most for the electricity which they use. The manufacturer, however, who uses power at the time when the load and hence the expense is lighter, should be encouraged by lower rates. Thus the effect of a mean price would be to encourage those who are not so much to be desired and to discourage those who should be catered to.

The power factor, it was explained, is analogous to the power which remains after a loss of power by pumping frothy water instead of solid water. This power factor nuisance is the worst in induction motors.

Another axiom which Mr. Wright explained was that the larger the amount of power produced and sold, the cheaper the power and the smaller the commercial factor. The reason is that, having once acquired a heavy load, the increment cost of producing electricity is small.

Mr. Wright upon request told about the electrical development in South Africa. In connection with this, he pointed out the wonderful possibilities of power from the Victoria Falls on the Zambezi River—how the situation was ideal for power production, but as he said, "There is no one to use the power after it is produced." The falls are seven hundred miles from the coast, and while they are four hundred and twenty feet high, this wonderful oppor-

tunity for producing power is unaccompanied by a market, so that the scheme for harnessing the falls is impractical. Mr. Wright is a noted English consulting engineer and inventor. He has been knighted because of the importance of his work in electricity. He is a great traveler, and it was by rare good fortune that the Electrical Engineering Society was able to procure him to speak at their meeting.

At the business meeting of the society, the electoral committee chosen consisted of: I. H. Wilson; J. G. Moir, L. H. Allen, R. G. Burr, and H. F. Smiddy, all of the class of '20.

The committee appointed by the chairman to revise the constitution is made up of: H. W. Mills '20, A. H. Kinghorn '20 and D. B. Maguire '20.

AERO SOCIETY TO GIVE OPEN SMOKER TO INSTITUTE MEN

President of Curtis Airplane Company to Talk

The Aero Society is to extend an invitation to an open meeting and smoker to non-members so that all men of the Institute may be able to hear three men, prominent in airplane design and construction, tell of the advancement in construction and design of planes during the last three years. They are endeavoring to get Mr. Earle L. Ovington '04, a Technology Alumnus and president of the Curtis Airplane company, and Mr. Grover C. Loening, former chief engineer of the Sturtevant Airplane company and now consulting engineer in New York as the principal speakers. During the war Mr. Loening designed a battle plane exceeding in size any such type of European make.

These men have seen the advance in airplane design during the period when serviceable planes for offense were the main issue. The great stride in airplane design in the last few years has been accomplished by such men as Mr. Ovington and Mr. Loening. The Society thinks that their talk ought to be of interest to every Technology man whether contemplating joining the Aero Society or not.

As soon as arrangements can be made with the Burgess Airplane company, the members of the Society are to have the privilege of seeing the construction of their planes by a trip through the plant. Men desiring to go on this trip are offered the privilege of joining the society for fifty cents, their membership to expire at the end of this term. The new members will be given all the privileges of the society.


ELECTRICAL ENGINEERING BY CLOSE SCORE OF 981-978

Trip To General Electric Plant Planned Next Week

Nominations for all officers of the Electrical Engineering Society for the ensuing year close at one o'clock on Friday, May 9, and papers should be handed in to the proper authorities of the club at room 10-203 before that time. All such papers should be signed by at least five members of the society. These nominees must, according to the constitution, be members of the Junior class. The ballots will be printed and mailed so that they may be in the hands of the voters before the 16th of the month. Announcement will be made later where the completed ballots should be handed in.

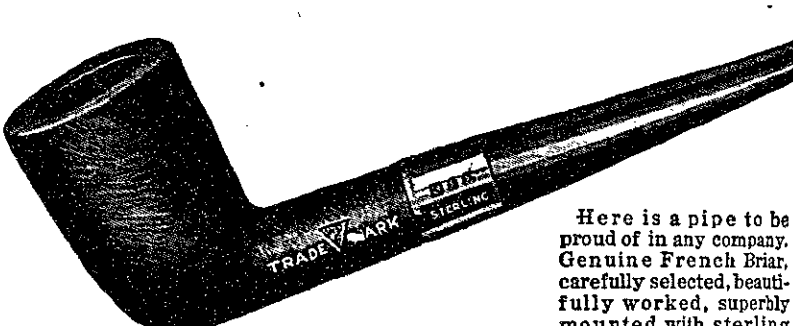
A trip will be taken next week under the auspices of the Society to the Turbine Department of the General Electric Company in Lynn. Parties will assemble at room 10-203 on the afternoons of Wednesday, May 7, and Friday, May 9, at 1:20 o'clock. The men making the trip will see the manufacture of all kinds of steam turbines and turbo-generators up to 3000 kilowatts.

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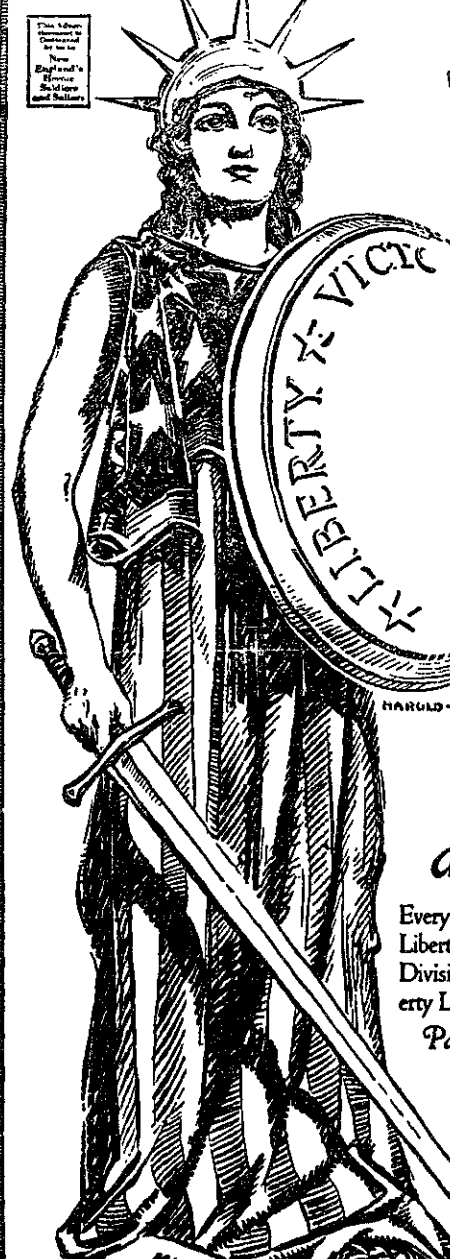
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