

Changes in Mile Relay Lineup Seem Probable

The time trials over the 390 yard route which were held yesterday plainly indicate that the relay which will clash with the Harvard mile quartet a week from Saturday will not be the same outfit which took the Crimson's measure in the B. A. A. games. The clockings over the abbreviated quarter showed Ray Holden to be just a bare fraction of a second faster than Glen Bateman who easily annexed second honors.

Peggy Joyce and Jack Tench were likewise only a sixteenth of a second apart with the former ahead by that slight margin and both of them only slightly behind Ray and Glen. Captain Art Smith has been sick the past few days and was unable to run. The fifth place in the rating went to Al Makepeace last year's freshman star.

Holden New Star

Ray Holden showed signs of great promise in the early trials this fall when he ran third among the quarter-mile candidates, yielding only to Captain Art and Glen Bateman. When the time came for picking the team to compete at Millrose and the B. A. A. Ray was unable to compete because of a severe cold and the team lost his services. Since that time he has been working faithfully to get back into shape and the results of yesterday's tests look as though he had done a good job of it.

Captain Art Unable to Run

Captain Art Smith spent a day Wednesday confined to his bed with a severe attack of grip and yesterday afternoon reported at the track house only for a shower and rub down. If his condition permits he will take a light workout today but can scarcely hope to get in any fast work before next week.

Coach Kanaly had hoped to time him next Monday so that the lineup for the team could be settled early but at present it hardly seems probable that Art will be ready for a final test before Wednesday which will be the day the relay will be definitely chosen.

Joyce in Fine Fettle

Peggy Joyce had a chance to show his mettle in the B. A. A. games Saturday night and thereby achieved a measure of confidence in himself that reflected in his running yesterday. Peggy tore off at the start as is his style but he judged his efforts better than ever before and when he swung around the last bank to the finish he held up to his work in a way that was worth watching.

Jack Tench Trails Peggy

Jack Tench ran through the distance without seeming to be badly fagged at the end though he certainly gave a generous measure of effort to his trial. Jack's running is always pretty to look at and, what is more to the point from the viewpoint of Coach Kanaly, very steady and dependable.

The kind of a fight he put up as lead off man against Vin Chapin in the Harvard race puts him in the class of real gamblers and though he rated fourth in yesterday's clockings the difference of one-sixteenth of a second between him and Joyce point to another classic test for the latter if the two have to fight it out for a position due to Art Smith's moving into the first three.

Makepeace Rates Fifth

Al Makepeace has always kept himself within striking distance of the team men and yesterday he just missed a place once more. The difference between his time and that of Joyce and Tench was not large so that steady training ought to make him dangerous to the regulars before the season is over.

Coach Kanaly Considers Six Men

Coach Kanaly stated last night that he would consider the team at present as composed of six men, the five rated best in the clockings and Captain Art who will have an opportunity to try his speed as soon as his physical condition warrants it. The final decision regarding the lineup will be made not later than Wednesday night, the Engineer mentor stated.

Freshman Hockey Players Migrate to Rindge Rink

The freshman hockey team will meet the Rindge Tech team at the Rindge rink tomorrow afternoon. The prep school has a fast team, although it is not considered as good as former Rindge combinations, and will without doubt give the frosh a run for their money, if nothing more.

The freshmen have been able to put in some good practice sessions during the past week on the courts in the rear of Walker, and have had opportunity to develop some of the team work which was so badly needed in other contests.

From The Crew Coach

Heavy and Light Crews

Under the same conditions of coaching and training the heaviest crew almost always wins. There are of course limits, and it is possible to load a shell down with a bunch of fat that can't pull its own weight, so the proper blend of altitude and avoirdupois is desirable. But without height a long swing upon the sweep is either impossible or a contortion, while those who have height without weight not only sway like the willows in the wind and make the boat anything but steady on its keel, but also have to contend with a larger weight of shell proportionately to the weight of crew.

But it is not fair to limit crew to one class of men, particularly when a large crew squad promotes competition. Far better facilities than anyone dreamed of are going to be available this spring, and the desirable class of men are either largely absent or remarkably well obscured in spite of the obtruding tendencies of their physique. So the movement for different classes in crew is gaining ground, and it is fully expected to have boated a 150-pound crew, which will be entered in competitions wherever possible.

So all men interested in rowing are urged to begin thinking about it, as preliminary work on machines is to start very soon, and nobody is too small or too big to find a place somewhere. The brain rather than brawn type, in which Tech is reputed to abound, provided they are extreme in both directions, are very much in demand as coxswains. It may seem an easy job to get a nice ride pulled by eight big huskies, but it requires no small skill and proper steering and coaching from "number 9" is often the winning of a race.

Heavy Men Needed for Crew

While lighter men are wanted for rowing, and will not be thrown out upon sight by any means, if we are going to have a successful crew in competition with other college crews, it is necessary to have men who average around six feet tall and 170 pounds in weight. An interesting case showing the necessity for weight was the fall Field Day races, and other class races before and after the freshman-Sophomore event.

The Seniors beat the Juniors by about 20 seconds and outweighed them by about 6 pounds to the man. The Sophomores beat the freshmen by 30 seconds and outweighed them by about 6 pounds to the man. Then the Seniors beat the Sophomores by 12 seconds and outweighed them by about 8 pounds to the man. So the average value of weight in the races was in the neighborhood of 3 seconds per pound per man per mile. As the time for practice is limited and difficult at Tech, this also counts against the crew, and unless good heavy material can be worked in varsity crew form, it puts the shell in competition with a preliminary handicap of very definite nature.

This is not always true since one of the winning crews at the Po'keepie Regatta only averaged 156 pounds, and last year at Cornell some of the light crews at the regatta on Cayuga Lake beat the course record, the only unfortunate part being that the heavier crews beat the record by a larger margin. So let's get busy and see if we can't turn out a good squad. And you light men, come out and make the big fellows work for their job and see if you can't beat them to it.

Freshmen Short and Fat

Big varsity crews from little freshmen grow. Contrary to the aspirations sometimes cast at a sport where you sit down and go backwards, rowing requires a large amount of skill and exertion. The absolute precision and timing of a good crew is the reward of diligence and practice only and not a God given gift or the result of evangelistic coaching.

Rowing looks easy but feels hard. In the words of naval arch, the metacentric height of a shell is so long or short or something, that it wobbles most unaccountably unless handled just right, and every wobble means at least a foot lost to the other crew. So crew men have to be caught young and worked late.

An analysis of the freshman medical records shows that there are only 66 men over 160 pounds weight, 6 ft. in height or both. Of these, 44 are over 160 pounds but under 6 feet, 14 are over six feet but under 160 pounds, and only eight both over 6 feet and 160 pounds. Out of the whole bunch only four came out for crew last fall, and one of those ate too much ice cream one day and couldn't row much after that.

What is going to happen to the Varsity if the freshmen don't pile out to support it in future years, if perchance they may still be with us? Here we have a fine boat house, and have just obtained a perfectly grand windfall for spring rowing, and two sets of rowing machines will soon be ready for practice, and now we have got to get busy and get some men.

—Coach Fred Dellenbaugh

Technology Six Plays Dartmouth

Engineer Skaters Battle Green in Winter Carnival Feature

The cardinal and gray will be seen in at least two parts of the Dartmouth Winter Carnival when the Institute hockey and swimming teams arrive in Hanover as a pair of attractions. The hockey team meets a fast opponent in Dartmouth, considering the fact that a long string of 10 straight victories has been piled up by the Hanover boys, the only setback so far being when the West Pointers closed on them for a 1-0 victory Wednesday night in New York.

It is this same contest at West Point that makes prospects for a Technology victory at Hanover seem especially good. Herb Hayden's men downed the West Pointers to a 6-5 score three weeks ago in New York, and are considered to have shown consistent improvement since then. The team was without the services of its regular defense combination in the Army game, and the Hanover contest finds it in much the same situation, with the exception that the team had had time to get another combination on the ice.

MacNeil Stays at Home

Neil MacNeil will not accompany the team to Dartmouth, due to the pressure of studies, so the defense will be taken care of by Bill Blandy and Ed Moulton, who have been working out together for the past two weeks and appear to be in pretty good form for the contest. The usual offense trio, consisting of Herb Hayden, Jerry Dalton, and Dave Peene, will operate against the green, and Dent Massey will provide the obstacle in the net.

Dartmouth is expected to start the same lineup as that which performed at West Point two days ago, and every man on the combination is capable of showing a fast brand of hockey. Hall, Sheehy, and Osborne, the best of Dartmouth's scrimmage line will start the game, and constitute the same combination that plugged over 22 shots at Beane, the cadet goaltender.

While Dartmouth was unable to score over the Army, it was due to the efficient work of the defense, rather than to any weakness on the part of the Hanoverians' attack, and it is certain that Dent Massey will have his hands full if he keeps the green from plugging him for more than a few goals.

Neidlinger on Green Six

Perry and Foster, who cavort on the Dartmouth defense line, and Learnard, who fills the net position, are also well groomed in the game, and in addition the green has the services of Pudge Neidlinger, ex-football star, on the defense.

The Hanover trip will be the last out-of-town game which the team will play this season, and for this reason the men are particularly anxious to come through. While no more home contests have been definitely arranged as yet, it is expected that several will be played at the Boston Arena. Manager Fletcher has hopes of landing a game with Cornell when it comes to Boston next week to play Harvard, and it is likely that several more local games will be added.

The following men will go to Dartmouth tonight for the carnival game: Hayden, Dalton, Peene, Moulton, Blandy, Massey, Balcom, and McPherson.

Dartmouth had a run of 10 straight wins until the army rolled an 11 on them and took the game. Nobody has rolled either a 7 or an 11 for the Institute skaters this season, but they hope to at least keep up with the Dartmouth game.

It is not expected that the Hanover boys will be in first-class condition for a hard game of hockey tomorrow afternoon. The carnival is Dartmouth's "Tech Night," and even at Tech physical perfection is not the usual result on the "morning after the night before."

Dartmouth's outdoor rink should be a big incentive to the teams to put up a hard game. A combination which has been doing most of its work indoors is expected to show a lot more pep in the fresh air; besides, Dartmouth carnival girls are always an incentive to outdo oneself.

Which makes us inquire, "Is Marion going with the team this trip, or will the course in the depreciation of music, M35, mean that the team has to provide its own appetizer?"

Section 7 Wins in Bowling

In answer to the challenge of Section 9 of the freshman class, Section 7 defeated them by a 32 point margin last Wednesday afternoon on the alleys in Walker. Two strings were played by a four man team from each section, the total score being 677 to 645. Pearlstein, of Section 7, was high man with 102 chalked to his credit.

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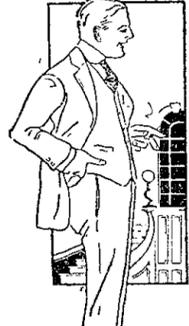


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