

out such a training no system can be built up in the proper way to withstand the strain of foot-ball playing; a system entirely different from the system built up by ordinary labor. There are many muscles which are needful in foot-ball that never do any work otherwise. Then ordinary labor does not give the staying facilities necessary to withstand all the exercise which a foot-ball player is called upon to perform. Another want which was felt very much during the season was an instructor who would teach the players the essential points of the game. This need was supplied in a slight degree by the observation of one team while away on the trip. College teams which have been playing the game for a great number of years have scored many of the tricks and requirements of the game by applying to the home team what they have learned from other teams. Our own men by observation thus rendered a great service to the team, but this year was too far advanced for any material benefit to be derived from this knowledge, and by next season it will unfortunately be almost entirely forgotten.

Another great fault to which we desire to call special attention is the lack of proper leadership. When a body of persons can put little faith in their leader they soon lose the enthusiasm which is so essential to any cause. Almost invariably the game would be posted for 3.30 P. M., and the captain would come out at 4 o'clock or after, rarely before. When he did make his appearance, his plans were all to be made, and rarely, indeed, did the game commence before 4.15 P. M. Now such action will destroy the enthusiasm of any team of players. "Better late than never" is a good maxim at least so the managers thought when they sent the team away in the very last part of the season. Now let the managers bear this mistake in mind, and next spring make dates with other colleges for the middle part of the season and then get the team to work as soon as the college opens. Another thing

to bear in mind is to keep the players with the team and to take proper care of the team while traveling, giving the manager who is along, power to dismiss any player for a sufficient offence, at any time during the trip. With these exceptions, few, perhaps they may seem, but all important nevertheless, the team has done better work this season than during any other of its existence and is to be congratulated on the successes it managed to attain.

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#### PERSONALS.

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'85. John F. Healey, of Fayetteville, Tenn., spent a few days about the College during vacation. He recently accepted a position as a civil engineer on the Tennessee, Cincinnati and Southern Railroad.

'86. J. Scott Harris is an agent for the Gallitzin Coal and Coke Company.

'86. Harry J. Patterson spent Christmas at his home in State College.

'88. John G. Thomas is attending the Medico-Chirurgical College in Philadelphia, and graduates in '91.

'89. J. B. Struble has been sent to Chicago by his company to superintend the construction of a system of interlocking switch and signals on a railroad in that city. He recently published an article in the *Master Mechanic*, which has been very favorably criticized.

'89. John S. Weller visited the College during the holidays.

'89. W. B. N. Hawk was married on the 26th of December, 1889, to Miss Annie Mayberry, Fremont, Pa. We tender them our hearty congratulations.

'92. George D. Chamberlain has left College and accepted a position as chemist in a steel works at Steubenville, O.