men who are new to the game and of thus recruiting the ranks of our senior team. This series of matches has been considered so important that for the last two years committees have been appointed by the Alma Mater Society to make all necessary arrangements for the playing off of the different matches in the series. The powers of these committees have been, of necessity, limited by the fact that the Athletic Committee controls all expenditure in connection with football, the campus, etc., and that it is to that organization that they must look for all necessary supplies.

That the inter-year matches this season have been a failure nobody will deny; that the committee in charge of the matches has done everything in its power to ensure a successful carrying out of its instructions is known to everyone who has taken any interest in the matter. Appointed by the A.M.S. "to arrange for inter-year matches," furnished with no funds for the purchase of footballs or for the fitting up of the campus, their hands have been practically tied by the opposition of the officers of the Football Club and by the carelessness or mistaken economy of the Athletic Committee. Had the latter organization placed goal-posts on the new campus, as requested by the committee, and furnished the footballs required for the matches, the whole series might have been played off successfully, in spite of the ardent longing for practice displayed, at this late hour, by the senior team.

The question now arises: Is the method adopted by the football management to encourage the game at Queen's superior to that which they have virtually crowded out? The senior team of this season has had its chance to uphold the honour of Queen's in the Rugby Union. It is composed in great part of men who must leave college before the next football season opens. Even those who will be left can profit little this season by exhibition games with Ottawa College or McGill. By whom are the gaps in next season's team, caused by the loss of the old men, to be filled? We fear that again we shall have to listen to the old familiar excuse: "Our team was green, composed of untried men, without sufficient practice." Practice with the first team will never develop new players, as Queen's has learned by experience. How then are they to be developed, now that our second team is no more?

FOOTBALL.

On Nov. 2nd the Senate of Queen's University conferred the degree of doctor of science (D. Sc.) on Edmund C. Shorey, M.A., who graduated in '87, carrying off the gold medal in Chemistry and the silver medal in Natural Science. Dr. Shorey at present is acting as chemist for a large sugar manufacturing combine at Kohala, Hawaii.

SCIENCE HALL.

EXPLORATIONS.

KINGSTON TO PERTH.

A NUMBER of field excursions have been made this season by the classes in Mineralogy and Geology. The first was an examination of the Rideau canal from Kingston to Perth. On Thursday, Oct. 15th, about a dozen students boarded the yacht Sophy and started from the waterworks slip. The first part of the voyage was spent in song and story and in getting things shipshape. Sleeping accommodation was found on board; the galley was furnished with a cook stove, so that this party enjoyed "all the comforts of a home."

There was considerably rivalry over the appointments to the position of cook. It was amicably settled, however, by installing specialists. Ducks were flying plentifully and one or two good marksmen were included in the party, so that gratifying additions were made to the cuisine. The first point of special interest was Blake's Quarry. Here the remarkable tree-like concretions, for whose formation it is so difficult to account, were examined and good photographs secured. The quarry also presented interesting examples of glaciation, false bedding and other geological phenomena. Locking up afforded an opportunity to examine the country in the vicinity of the numerous locks. In this way the crystalline limestone at Brewer's Mills with its shots and veins of pegmatite was studied. The beautiful trap dykes through the marble near Seeley's Bay, affording as fine examples of dyke and basaltic structures as can anywhere be found, naturally received a good deal of attention.

Jones' Falls was one of the most interesting points on the route. Here the stratified Potsdam sandstone was seen in contact with Laurentian gneiss; its upper beds were conglomerates, containing pebbles of the gneiss. Graphite was here found under remarkable conditions, namely, in scales disseminated through a pegmatite. Chaffey's Mine, near Newboro, was the next important stop. This deposit of magnetite, with associated minerals and rocks, was studied in some detail. At Newboro, on the height of land, drift deposits of clay overlaying the gneiss were well exposed by the recent cuttings along the canal. While the boat was coaling up the town was properly "done."

The Rideau Lakes next received attention. Oliver's Ferry was reached Friday evening. A wagon headed for Perth was discovered and instantly boarded, and the noisy students startled the countryside as it never before had been since the warhoop of the Iroquois sounded the death knell of his foe. Old Perth rubbed its eyes,