

Another freshie was anxious about the welfare of a waiter and would have given him a seat had not a senior kindly interposed.

Representatives of the navy were scarce on the occasion, so much so that a Soph. was almost pressed to reply on the ground that he ran a scow down the canal last summer.

A speaker in mentioning our paper spoke of it as "our own little Journal." Perhaps he may have made a *lapsus linguae*, we hope so, or perhaps, he used the word as an endearing term, as "little" is sometimes used. But if he meant what he said to be taken in the common use of the words, if he'll step around to our office we will not need to take much pains to prove to him that we are an important body in the community. We keep a stuffed club convenient at our side.

Primary student (at dinner): I say, Cout. what muscle do you represent to-night? Cout: The mass-eater, (masseter). Correct.

Prof.: We are always sorry to part with our students, but do not pluck them to keep them. Experienced Senior: No, you keep them to pluck them. Prof.: We always endeavor to deliver them "without much mechanism."

A Prof's. bull on the dining room at the British: "This is an Historical room which is rather low. I mean in regard to its height."

What did that Senior mean to insinuate when he said: That although Kingston had lost the Premier of the Dominion, it still possessed as fine a collection of lunatics and convicts as any city in Canada.

Our worthy aldermanic medico praised the Kingstonsians for their want of uppishness, claiming that no one in the Limestone City was actuated by the Pharisical principle. "Stand aside for I am holier than thou." A voice from the corner: A—men!

The Meds. have reinforced their orchestra at the "den" by a violin. The citizens in the vicinity will be sure to get thin from the invigorating effects of its "angelic strains."

The venerable "Concursus Iniquitatis" has a rival which bids fair to eclipse it in dispensing justice to the unfortunate freshmen. It is styled the "Concursus Virtutis," and its object is said to be the elevation of the morals of students in general and of the meds. in particular. Its sittings are held in the "den" and are of the most solemn and awful character.

SCIENTIFIC JOTTINGS.

THE principal ways of determining the velocity of light are: *a* by the eclipses of Jupiter's satellites; *b* by the aberration of the fixed stars; *c* by the method of extinction as carried out by M. Fizeau; *d* by Foucault's method with a revolving mirror. The latter two of these being purely experimental afford scope for the application of ingenuity, and are consequently looked upon with considerable favor by experimenters. This is particularly the case with Foucault's method on account of its beauty and simplicity, and more so on account of the comparative accuracy of the results which it appears to furnish. But while the results furnished by Foucault's method in the hands of different experimenters have been quite accordant, there is some discord between them and the results due to other means.

Thus by method *a* the velocity of light was made to be 167,670 miles per second. By method *b* it came out as 166,072 miles per second; and by *c* 195,960 miles per second. This last result is generally looked upon with suspicion, and the process which furnished it as being generally not wholly trustworthy. Foucault by his

method made the velocity of light to be about 186,000 miles per second.

During the past summer this experiment has been repeated with some modification, which the author claims to be improvements upon Foucault's arrangement, by A. A. Michelson, Master in the U. S. Navy. Out of 1,000 observations, taken in groups of 10, the highest result is 300,050 kilometres, and the lowest 299,700 kilometres per second. The mean of all these, corrected by the author for the retarding effect of the atmosphere, is 299,930 kilometres, or 186,370 miles per second.

The methods *a* and *b* determine the velocity of light as it passes through interstellar, or rather interplanetary space; that of Foucault determines it while passing through quite limited portions of air near the earth's surface, and its result has to be corrected for the effect of the air. If then we are to look upon all these methods, and the results drawn from them as equally trustworthy, we are forced to the singular conclusion that the velocity of light, for short distances within the vicinity of the earth, is greater than it is for long distances through interplanetary space.

If this conclusion is not tenable then we are not certain of the velocity of light to within some hundreds of thousands of miles per second. D.

M. de Molon forms a manure by mixing finely ground phosphate of lime with sea-weeds, especially varee, and allows the mass to ferment for six or eight weeks.

It is said that lately a chemist in Chicago who wanted antimony sulphide could find nothing in the shops but marble dust blackened with soot in place of what he wanted.

PERSONAL.

W. B. KENNEDY, M. D., '78, is at present at Pembroke. His many friends will be glad to hear that since the accident that affected his eyesight, his health has been steadily improving. The sight of one of his eyes, however, has completely gone, while the other eye is still weak and it will need great care to preserve the sight. We believe he intends to spend the winter in the office of Jas. Lafferty, M.D., '71, at Pembroke, not being yet able to resume his practice.

L. W. SHANNON, B. A., '77, who is now successfully teaching at Almonte, intends we believe, soon to return and continue his course in medicine at the Royal.

DENNIS P. LYNCH, M.D., '78, has also settled at Almonte.

GEORGE CLINTON, M.D., '78, is being kept busy with a flourishing practice at Mill Point.

E. D. McLAREN, M.A., B.D., '73, has changed his place of residence to Brampton, having become the colleague of Rev. James Pringle.

H. J. SAUNDERS, M.D., '69, has our congratulations for the little visitor who arrived on the 31st of last month.

CHARLES McEACHREN, who entered with the class of '77, and who has since entered the ministry, has received and accepted a call to Inverness, Scotland, at the rate of \$2,000 per year. His old classmates will be glad to hear of his success.

WM. DONALD, B.A., '73, has in a most satisfactory manner become "free from the law" as far as examinations are concerned, and having been called to the bar has settled in Orangeville, which we see has lately graduated to the rank of County Town. Since leaving Queen's William has been to Manitoba and his expressions of the place and people are, we believe, most satisfactory.