

March 17th.

Mr. ASHMEAD in the Chair.

Mr. Ashmead made the following verbal communication regarding specimens of Algæ, presented by him this evening and upon a former occasion:

In the catalogue of Marine Algæ from Key West, which I presented to the Academy last April, there were five undetermined species of the genus *Caulerpa*, and two of *Laurencia*. These, together with some others, supposed to be new, I referred to Prof. Harvey of Trinity College, Dublin.

I received a letter a few days since from that eminent Algologist, giving the true names, which I have attached to the specimens on the table, as follows:

*CAULERPA MEXICANA*.

*C. PLUMIGERA* Harvey.

*C. PASPALOIDES* Bory.

*C. SEDOIDES* Ag.

*C. PLUMARIS* Ag.

*LAURENCIA IMPLICATA* Harvey.

*L. GEMMIFERA* Harvey.

There were also three species in that catalogue which I erroneously named, viz:

*SCINAIA FURCELLATA* Bivona, I referred to *HALYMENIA LIGULATA* Ag.

*CERAMIVUM NITENS* J. Ag., I had supposed to be *C. RUBRUM* Ag.—and *CRYPTONEMIA CRENULATA* J. Ag., I named, (at the suggestion of Prof. Bailey,) *PHYLLOPHORA BROADIAE*.

There is a great similarity in the external habit of these plants, yet they are well distinguished by the internal structure of the frond, to which I had not applied the microscope.

In addition to my former catalogue, which is now corrected, I present this evening

*TURBINARIA VULGARIS*, var.  $\beta$ . *DECURRENS* Boryg.

This plant is interesting as an addition to our Marine Flora. It was known to occur in the West Indies, but had not been detected on our shores, until I found it at Key West.

*DASYA HARVEYI* Ashmead.

This is a new *Dasya*; I obtained it at Key West with both kinds of fruit. Prof. Harvey says, "This species is quite new to me, and I feel much gratified by the compliment you pay me, by naming it *D. Harveyi*."

*CHODRIA ATTROPURPUREA* Harvey.

*C. SEDIFOLIA* Harvey.

*LAURENCIA PAPILLOSA* Greves.

*L. CERVICORNIS* Harvey.

*CERANIVUM TENUISSIMUM* Lyngb.

*GRACILARIA ARMATA* J. Ag.

*TONARIA LOBATA* Ag.

*CAULERPA ASHMEADII* Harvey.

In regard to this species, Prof. Harvey makes the following remarks: "As far as I at present know, it is nondescript—but it is not new to me, for I found it myself at Key West, but did not find it growing. It is a very remarkable species, differing from those of similar habit, in its greater size, and in the extreme obtuseness of the pinnæ."

Of this rare species I found but one plant. It was growing in company with *Caulerpa plumaris*, under the bridge leading to Fort Taylor, in a shady position, and where it was sheltered from the action of the waves. Its fibrous roots penetrated the coral sand for a considerable extent, from which a number of fronds sprung up at intervals. I collected every fragment I could find.

[March,



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