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1857.

PRICE FIFTEEN SHILLINGS.

J. R. GREENE, Hon. Sec., read a paper—

ON THE ACALEPHÆ OF THE DUBLIN COAST; BEING PART I. OF A SERIES OF  
“NOTES ON MARINE ZOOLOGY.”

THE following is a list of the Acalephæ hitherto observed by me on the Dublin coast. They have all been taken in Kingstown harbour during the summer of 1856. They may be thus arranged:—

1. PHYSOGRADA.

*Agalmopsis elegans*.

2. CILIOGRADA.

*Cydidippe pomiformis*.

*Cydidippe pileus*.

*Beroë ovata*.

*Mnemia Norvegica*.

3. DISCOPHORA.

ORDER I.—STEGANOPHTHALMATA.

*Aurelia aurita*.

*Aurelia campanulata*.

*Cyanea capillata*.

*Cyanea Lamarckii*.

*Rhizostoma pulmo*.

ORDER II.—GYMNOPHTHALMATA.

*Geryonopsis delicatula*.

*Thaumantias lucifera*.

*Thaumantias Thompsoni*.

*Thaumantias inconspicua*.

*Sarsia tubulosa*.

*Bougainvillia Brittanica*.

It is not my object at present to enter into any details concerning the structure or habits of the Acalephs just mentioned.

With regard to *Agalmopsis elegans*, I may state that the species so named coincides in all respects with the figure and description of Sars (*Fauna littoralis Norvegica*). As to the Ciliograda (*Ctenophoræ*), *Cydidippe pomiformis* and *C. pileus* were both abundant, as was also *Mnemia Norvegica*. For an interesting account of these three Ciliogrades I may refer you to Mr. Patterson's papers, published in the "Transactions of the Royal Irish Academy:" the last-mentioned animal is by him described under the name of *Bolina Hibernica*. I have frequently obtained specimens of it which were fully 2 inches in length; it is, however, a very fragile animal. *Beroë ovata* is much rarer than any of the preceding; I have in all taken but four specimens. Of the larger *Pulmograda Medusæ* (*Steganophthalmata*), both species of *Cyanea* occurred in great numbers during the months of July and August, as did also *Aurelia aurita*.

*Aurelia campanulata* was much rarer; and of *Rhizostoma pulmo*, so frequently mentioned in educational works on Zoology (where it is generally made the representative of its class), I have seen but one individual; this was of large size, measuring 15 inches in diameter.

Of the naked-eyed Medusæ above mentioned, *Sarsia tubulosa* was most abundant; it is also one of the most beautiful of our British Gymnophthalmata. *Thaumantias Thompsoni* has been previously taken on the coast of Cornwall, and at Clifden, county of Galway. *Thaumantias lucifera* was very plentiful; this is (I believe) an addition to our Irish Fauna, as are also *Thaumantias inconspicua* and *Geryonopsis delicatula*. *Bougainvillia Britannica* is mentioned in Thompson's "Natural History of Ireland" (vol. x.), under the name of *Hippocrene Britannica*.

Other Acalephs were observed, but I have refrained from mentioning any save those which I had carefully examined and identified. No class of animals require more careful research than the present. Brief though the above list may seem, it contains three species not previously found on the Irish shores, and one (*Agalmopsis elegans*) which has not yet been recorded as British. This must serve as an apology for detaining you with these hasty and incomplete memoranda. During the summer of the present year (1857) I trust to pursue, more in earnest, the study of this highly interesting, but most neglected, group of animals.

Professor Harvey read a Paper on some new species of British Algæ (for which see Proceedings of May 15, 1857).

After which the Meeting adjourned.

FRIDAY EVENING, APRIL 17, 1857.

W. H. HARVEY, M.D., V.P., in the Chair.

THE Minutes of last General Meeting having been read by the Secretary, were approved of, and signed by the Chairman.

The Chairman then announced to the Members the much lamented decease of their President, Robert Ball, LL. D.

The following Resolution was proposed by A. H. Haliday, A.M., V.P., and seconded by G. F. Shaw, LL. D., F.T.C.D., and passed unanimously:—

"That in consequence of the melancholy event just communicated to us by Professor Harvey, this Meeting do at once adjourn, without proceeding to the transaction of any business."

The Meeting accordingly adjourned to the 15th of May next.

FRIDAY EVENING, MAY 15, 1857.

W. H. HARVEY, M.D., V.P., in the Chair.

THE Minutes of last Meeting having been signed by the Chairman, the Secretary announced that a Library Fund had been opened, to enable