

PROCEEDINGS  
OF THE  
DUBLIN UNIVERSITY  
ZOOLOGICAL & BOTANICAL ASSOCIATION.

VOLUME I.



With Thirty-one Lithographic Plates.

DUBLIN:  
PRINTED AT THE UNIVERSITY PRESS,  
BY M. H. GILL.

1859.

ward Forbes. But it was in the long series of papers published by his friend, the late William Thompson, Esq., that Dr. Ball's extensive knowledge of the Irish Fauna was particularly manifested. These papers, with additions, were afterwards collected by Mr. Thompson, and in part prepared for publication, under the title of "The Natural History of Ireland." Three volumes, treating of the Birds, were published during the lifetime of their lamented author; the fourth volume, which appeared in 1856, was a posthumous publication. Throughout its pages, the name of Dr. Ball is of continual recurrence; and he not only gave his valuable aid to its revision as it passed through the press, but contributed additional information, which is appended as foot-notes.

"Cast thy bread upon the waters," would seem to have been Dr. Ball's motto, so desirous was he at all times to impart the knowledge which he by ceaseless diligence had acquired. He not only freely gave from his accumulated stores, but he inspired others with an impulse for the further diffusion and advancement of science. That impulse yet survives, and will assuredly produce good results, though they may not be manifested until "after many days."

The community in which he lived lost by his death a worthy citizen; yet his name will long be remembered beyond the circle that included his personal relatives and friends.

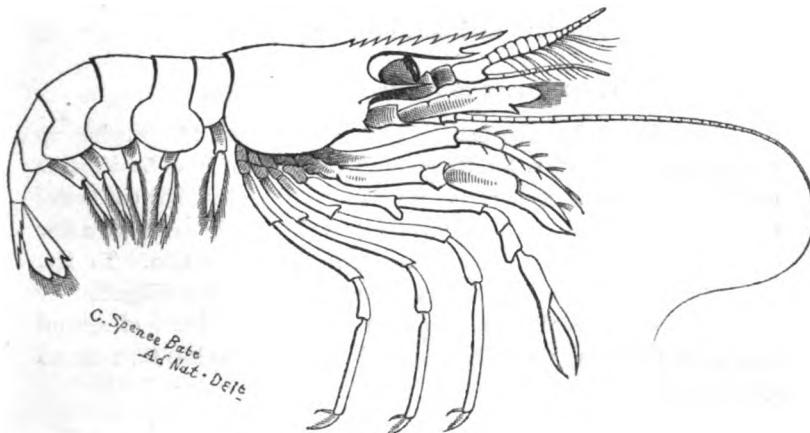
The hard-working mechanic and the toil-worn clerk shall in future years visit, with their families, the Zoological Gardens, as they do now. When enjoying amid its attractions the innocent prattle of their children, such men will naturally ask, "To whom do we mainly owe the existence of this Garden, and the penny admission, which makes it available to us?" Let some simple inscription, some unostentatious tablet, answer the inquirer, and tell to him and to his children that the name of their benefactor was ROBERT BALL.

PROFESSOR KINAHAN communicated the following

DESCRIPTION OF A NEW BRITISH HIPPOLYTE (*HIPPOLYTE GORDONIANA*, n. s.).  
BY C. SPENCE BATE, F. L. S.

Hippolyte rostro decem dentibus ornato marginem superiorem, et ad marginem inferiorem uno dente. Spinâ longe ad marginem inferiorem

orbitæ. Chelæ pedarum primi et secundi parum digitos longos et graciles instructæ. *Dactyla pereipoda* posteriorum dentibus ornatis.

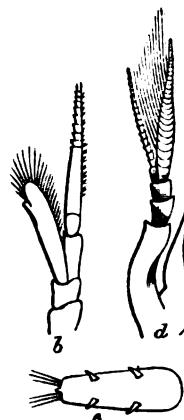


Rostrum armed with ten teeth above, and one below; a long spine at the lower margin of the orbit; first and second pair of hands with fingers long and slender; the last joint of each leg fringed with teeth; and one stout hair curved in a contrary arch, springing from the posterior extremity of the penultimate joint.

This species was sent me by the Rev. G. Gordon, from Moray Frith, among other Macroura, including *P. Jeffreysii*. The basal joint of the internal antennæ is developed on the inner side into a squamiform tooth which reaches beyond the first articulation. External antennæ with the tooth at apex of squamiform scale, remote from upper extremity. Central plate of tail (telson) terminates in a minute and central point. Three stout hairs on each side. Lateral margin with two stout, articulated, short spines.

The long and elegantly formed hands, and large size of second pair of feet, separate it from the other known British species.

I have named it after its discoverer, the Rev. G. Gordon, of Elgin.



e, telson.  
b, external antenna.  
d, internal antenna.