

PROCEEDINGS  
OF THE  
ENTOMOLOGICAL SOCIETY OF LONDON  
FOR THE YEAR  
1870.

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7 February, 1870.

ALFRED R. WALLACE, Esq., F.Z.S., &c., President, in the chair.

Mr. Wallace expressed his thanks to the Society for electing him to succeed Mr. Bates in the office of President; and nominated as his Vice-Presidents for the year, Mr. Bates, Major Parry, and Mr. Pascoe.

*Additions to the Library.*

The following donations were announced, and thanks voted to the donors:—  
'Horæ Societatis Entomologicae Rossicæ,' vols. iii.—vi.; presented by the Society. 'Bullettino della Società Entomologica Italiana,' vol. i. part 4; by the Society. 'Journal of the Linnean Society,' Zoology, No. 47; by the Society. 'Journal of the Quekett Microscopical Club,' No. 9; by the Club. Hewitson's 'Exotic Butterflies,' No. 73; by W. W. Saunders, Esq. Newman's 'Entomologist,' vol. iv.; by the Editor. 'La Phylloxera et la nouvelle maladie de la Vigne,' by J. E. Planchon and J. Lichtenstein; by the Authors.

By purchase:—'The Record of Zoological Literature,' 1868 (the entomological part); Gemminger and Harold, 'Catalogus Coleopterorum,' vol. vi.

*Prize Essays.*

It was announced that the Council offered two Prizes of the value of Five Guineas each to the Authors (whether Members of the Society or not) of Essays, of sufficient merit and drawn up from personal observation, on the Anatomy or Economy of any insect or group of insects. The Essays must be sent to the Secretary, at 12, Bedford Row, indorsed with mottoes, on or before

the 30th of November, 1870, when they will be referred to a Committee to decide upon their merits: each must be accompanied by a sealed letter indorsed with the motto adopted by its author, and inclosing his name and address. The Prize Essays shall become the property of, and will be published by, the Society.

*Exhibitions, &c.*

Mr. Bond exhibited four specimens of *Satyrus Semele*, in each of which the marking and coloration of the wings were partly of the male and partly of the female character.

Prof. Westwood exhibited two females of *Anthocharis Cardamines*, each of which had a dash of the orange-colour of the male on one of its fore wings; also a female of *Polyommatus Adonis*, the left fore wing of which was dashed with blue like the male; also a male of *Siderone Isidora*, one side of which was partially coloured like the female.

The President suggested that the existence of specimens of this kind might be explained on Mr. Darwin's theory of sexual differences. The hypothesis was that the sexes of a species, though now differently coloured, were once alike; the divergence from the original type was sometimes in one sex and in one direction only, at other times in both sexes and in opposite directions; and it might be that these curious cases of the union of opposite sexual colours were only instances of a partial reversion, or modifications of reversion, to the original ancestral type.

Mr. Bond, on behalf of Dr. Wallace, exhibited cocoons from various parts of the world of *Bombyx Yamamai* and *Antheræa Pernii*.

Mr. Stainton exhibited a large box-full of Micro-Lepidoptera, each specimen being separately labelled in the manner commended by Mr. Bates in his Anniversary Address, so as to show the locality and date of capture. This led to a lengthy conversation on the utility of labelling captures, the minutiae which it was necessary or desirable to record, and the readiest mode of doing it; in which conversation the President, Prof. Westwood, Mr. Pascoe, Mr. Fry, Mr. Janson, and others took part.

Prof. Westwood exhibited a Hymenopterous insect, belonging to the family Cynipidæ, remarkable for its globose head and long neck, the neck not being simple, but possessing on each side a membranaceous wing or dilatation, emarginate and deflexed; the basal joint of the antennæ, and the femora and tibiæ also had membranaceous dilatations. The specimen was brought to this country by the President, and was captured in the Sula Islands.

Mr. Janson, on behalf of Mr. G. R. Crotch, exhibited *Philonthus cicatricosus* (*Erichson*), a species new to this country; and *Dyschirius angustatus*, *Hydroporus unistriatus*, and *H. minutissimus*, all recently added to the British list. The three first-named were captured by Mr. Moncreaff at Portsea; *Hydroporus unistriatus* had also been taken by Mr. Crotch at Merton, Norfolk; and *Hydroporus minutissimus* was taken by Mr. Wollaston at Slapton Ley.