

August 4, 1862.

FREDERICK SMITH, Esq., President, in the chair.

On the motion of the Rev. Hamlet Clark, seconded by Prof. Westwood, it was unanimously resolved, "That the thanks of the Society be tendered to W. Wilson Saunders, Esq., for his constant liberality towards the Society, and in particular for the hospitality exhibited by him on the occasion of the Society's visit to Reigate on the 8th ult."

*Donations.*

The following donations were announced, and thanks ordered to be given to the respective donors: — 'Proceedings of the Royal Society,' Vol. xii. No. 50; presented by the Society. 'The Zoologist' for August; by the Editor. 'The Intellectual Observer' for August; by the Publishers, Messrs. Groombridge & Sons. 'Saggio di Ditterologia Messicana di Luigi Bellardi, Professore di Storia Naturale,' Parte II., ed Appendice; by the Author. 'Journal of the Society of Arts' for July; by the Society. 'The London Review' for July; by the Editor. 'The Athenæum' for July; by the Editor. 'On the opportunities of advancing Science enjoyed by the Mercantile Marine,' by Cuthbert Collingwood, M.B., F.L.S., &c.; by the Author. 'Stettiner Entomologische Zeitung,' 1862, Nos. 4—6; by the Entomological Society of Stettin.

*Exhibitions, &c.*

Mr. Stevens exhibited a magnificent collection of Coleoptera, made by the late M. Mouhot among the mountains of Lao, in the interior of Cochin-China; it included some splendid Buprestidæ, about 150 species of Longicorns, &c., and a very large number of novelties. He regretted to have to state that M. Mouhot's exertions in the cause of Science had brought on a fever which resulted in his death.

Mr. Stainton exhibited specimens of *Gracilaria semifascia*, bred from maple-leaves obtained near Mickleham, on which the larvæ raised small, blunt, conical excrescences. Mr. Stainton having remarked upon the tendency of this insect to produce verdigris on the pin, the President suggested the use of a pin dipped into varnish, and allowed to dry before it was used.

Mr. Wallace exhibited photographic figures of Coleoptera: plates of *Lucani*, of the natural size, were conspicuously successful; other insects of smaller size, but magnified twice in linear dimensions, were not so successful. Mr. Wallace called attention to the mode of mounting these smaller species on pieces of gelatine instead of cardboard: this rendered the use of gum unnecessary, since all that was requisite to fix the insect was to moisten the under side; moreover, the gelatine was so transparent that the under side of the insect was available for examination.

The President exhibited two rare Staphylinidæ, — *Myrmedonia Haworthii* and *Heliobates propinqua*, — both captured by his son, Mr. Edward Smith, on Reigate Common, on the occasion of the Society's excursion on the 8th ultimo.

The President also exhibited an imperfect hermaphrodite of *Apis mellifica*, which had been sent from Scotland, and read the following description thereof:—