

**BRITISH MUSEUM (NATURAL  
HISTORY). ZOOLOGICAL  
DEPARTMENT  
INSECT SECTION. A GUIDE TO  
THE EXHIBITED SERIES OF INSECTS**

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**CHAS. O. WATERHOUSE**

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BRITISH MUSEUM (NATURAL HISTORY)

CROMWELL ROAD, LONDON, S.W.

ZOOLOGICAL DEPARTMENT  
INSECT SECTION

A GUIDE

TO THE

EXHIBITED SERIES OF INSECTS

WITH 62 ILLUSTRATIONS



LONDON

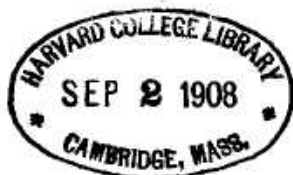
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1908

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*The Museum.*

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## P R E F A C E.

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As considerable time must necessarily elapse before the arrangement of the exhibited series of insects can be completed, it has been deemed advisable to issue the present provisional Guide. With one or two exceptions all the figures have been especially prepared for this work, and have been made from specimens in the Museum. The full-page illustrations are all from photographs of actual specimens exhibited in the Gallery.

To facilitate reference all the specimens have been numbered, except those under arrangement.

CHAS. O. WATERHOUSE.

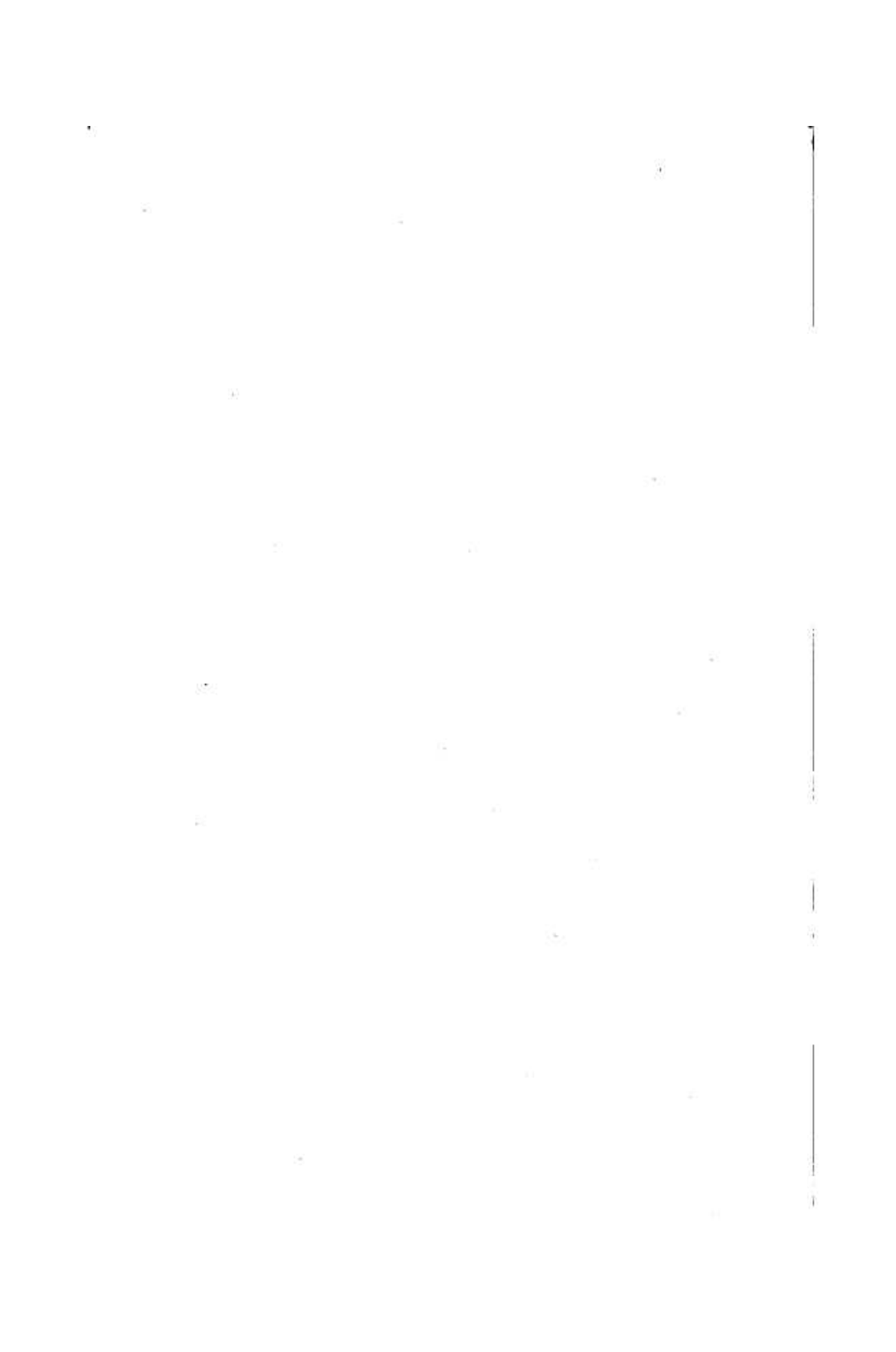
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*January 27th, 1908.*





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G U I D E  
TO THE  
EXHIBITED SERIES OF INSECTS.

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THE specimens of insects exhibited in the gallery are only a very small representative series. The main collection for the purpose of study is kept in cabinets in the Insect Room in the basement. It is estimated to contain 1,150,000 specimens, and comprises about 155,700 named species, occupying 13,000 drawers and 602 boxes.

The public gallery is only partially arranged.

The specimens are in table-cases placed down the centre of the gallery, numbered 29 to 56. The large specimens which are unsuitable for the table-cases are placed in the wall-cases at the sides of the gallery.

On each side of the gallery will be seen models (1-85) arranged on shelves, to illustrate the life histories of various insects. Where possible species likely to be of interest from agricultural or horticultural points of view have been chosen. Nos. 11-21 are *Aphidæ* and other Homoptera. Attention is called to the three rose galls of *Rhodites eglanteriæ*, *nervosus* and *rosæ* (23, 25, 27). The reason why these three insects, which are so much alike that they require an expert to separate them, produce such different galls has never been satisfactorily explained. The series of galls made by Gall-flies (*Cynipidæ*, 29-47) is particularly deserving of careful attention. To understand the series of oak galls (29-43), it must be borne in mind that the males only exist in alternate generations, and that the females which appear in the same generation as the males are often so different from the females of the previous and following generations that until this fact was known the insects were placed in different genera. Hence there exists a double set of names for the same