

there are very few, even among entomologists, who will read the book from cover to cover; only such lepidopterists as are more or less familiar with the butterfly fauna of the entire world will find all of its chapters readable.

Dr. Longstaff's travels have taken him to India, Ceylon, China, Japan, Algeria, Egypt and the Soudan, South Africa, the West Indies, South America, Canada, Australia and New Zealand; so that he has enjoyed the somewhat unusual experience of having collected butterflies in every continent of the globe. His sojourn in Canada was limited to a rapid journey across the continent in 1904 on his return to England from the Orient and very little opportunity for collecting was had on the way, but in tropical countries Dr. Longstaff's experience has been wide and varied and he shows himself to be thoroughly familiar with butterfly life everywhere.

Many amusing anecdotes and interesting impressions of the various countries visited by the author, and of the customs of their inhabitants, are scattered through the volume, greatly helping to enliven it; while all that is of real scientific value is encompassed in the last chapter, entitled "Bionomic Notes". This chapter contains many interesting notes under the following headings: "The scents of butterflies"; "The coloured juice exuded by certain Lepidoptera"; "The tenacity of life of protected species"; "Butterflies bearing marks of the attacks of foes"; "Experimental evidence as to the palatability of butterflies"; "Mimics in the field deceiving man"; "Notes on the flight of sundry butterflies"; "Heliotropism"; "List and shadow"; "The inverted rest attitudes of *Lycænids* and some other butterflies"; "General remarks on rest attitude of butterflies"; "Cosmopolitan Lepidoptera"; "Seasonal dimorphism"; "The selection as resting-places of yellow leaves by yellow butterflies".

As a supplement translations by Ernest A. Elliott, F. Z. S., F. E. S., of a series of important papers by the late Fritz Müller on the scent-organs of Lepidoptera have been appended to the book, together with an introductory note by Prof. E. B. Poulton, by whose suggestion they were included.

The book, including the appendix and the very full index occupies 728 pages. It is illustrated by six good coloured plates, upon which many other insects besides butterflies are depicted, and 19 text figures. The appendix is also illustrated by nine lithographic plates.

Mailed July 15th, 1912.