

terrestrial type. The remarkable forms constituting the suborder Anisozygoptera of Handlirsch are considered to be true Zygoptera of an early unreduced type, and are placed as subfamilies of Calopterygidae and Lestidae.

Some errors and minor defects are, of course, present in this, as in all books treating of so wide and varied a field, but as most of these have already been pointed out by other reviewers, we shall merely call attention to the following:

In the historical sketch in the introduction there is no mention of any American author. Some reference, at least, should have been made to the pioneer work of Hagen and the monumental labours of Dr. Calvert, than whom no one has done more to place our knowledge of the order on a sound and substantial basis. No mention of Bartenev's work on the Palæarctic fauna occurs in any part of the book.

On page 19 the cervical sclerites and gula are stated definitely to represent the skeleton of the last head-segment. This is by no means an established fact, as they have also been interpreted as belonging to the intersegmental membrane between the head and prothorax, being serially homologous with sclerites which are sometimes found in the two succeeding intersegmental areas.

The length of embryonic life is much more variable than is indicated (p. 242). Dr. Calvert has pointed out that in Pennsylvania the eggs of *Sympetrum vicinum*, deposited in the autumn, do not hatch until the following spring. This is also true in Ontario of *Boyeria vinosa* and almost certainly also in the case of the various species of *Æshne*.

In compiling the census of the Odonata of the world (p. 299) the Selysian monographs by Martin should not have been used for the nearctic region in preference to Muttkowski's catalogue, as they are incomplete and deficient in their treatment of the North American fauna.

We do not wish, however, to detract from the impression we have tried to give of the truly admirable qualities of Mr. Tillyard's book, for lack of space necessitates the omission of much that might be added in its praise. It is a book that is indispensable to every biological and entomological library.

Mailed April 13th, 1918.