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ENGLISH ONLY

THE HISTORICAL DEVELOPMENT OF THE CURRENT THEORY ON
THE MECHANISM OF INFECTION OF THE MOSQUITO BY THE
MALARIA PARASITE

by

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We have been requested by Dr Howard to make the following corrections to his paper which appeared as WHO/Mal/319 of 25 October 1961:

1. Page 1, line 8 of text - delete the sentence beginning "The mature 'ookinete'..." and the subsequent sentence "The early oocyst,.. for a period of 10-12 days" and substitute

"The mature 'ookinete' in the shape of a 'vermicule' penetrates between the epithelial cells of the mosquito's stomach wall or 'rounds up' to form a spherical zygote. The zygote, in its vermicular or spherical form, proceeds from the internal border to the external border of the midgut wall where it comes to lie in a stationary position beneath the basal membrane. In this position, the zygote, now referred to as an 'oocyst', grows peripherically into the haemocele for a period of 10 to 12 days."

2. Page 3, line 7 - after the words "exflagellation by Haemoproteus" add in parenthesis "Halteridium of Labbé".
3. Page 3, line 12 - delete the sentence "He referred to his organism as the 'halteridium of Labbé'".