

In the Coccidiidae and Haemosporidae we get reproduction by fission producing cells, a certain few of which develop into sexual elements; these reproduce the species through the interposition of some intermediate host. The essential requirements of this process being, first, the production of the sexual elements, and secondly, development in the tissues of some intermediate host. Now, if we can by any means at our disposal interfere with either of these requirements, it is obvious we can hope to control the spread and growth of these organisms. In the malaria parasite; then, we have the choice of endeavouring to so influence the growth of the amœbule within the blood as to cause them to lose their power of producing sexual elements, or what is much more feasible, by destroying or removing the intermediate host we can prevent the further development of the sex elements once they have formed. This, of course, can be accomplished by the destruction of the mosquito or gnat, an operation now being extensively carried out in many countries.

Woods Holl, August, 1901.

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